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CONTRIBUTIONS

TOWARDS A

FAUNA AND FLORA

OF THE

COUNTY OF CORK,

READ AT THE MEETING OF THE

BRITISH ASSOCIATION HELD AT CORK

IN THE YEAR 1843.

BODLEIAN
31
OX

THE VERTEBRATA BY DR. HARVEY.
THE MOLLUSCA, CRUSTACEA AND ECHINODERMATA
BY J. D. HUMPHREYS.
THE FLORA BY DR. POWER.

(PUBLISHED BY THE CUVIERIAN SOCIETY OF CORK.)

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INTRODUCTION.

THE Catalogues comprised in this little volume form part of a series of communications on the local History of the County of Cork, which have, from time to time been contributed to the Cuvierian Society of this City. These, together with a list of the genera of our Insects by William Clear, Esq., were furnished to the British Association at their late meeting here, it being considered that information on the Natural History of the place visited, was suited for presentation to that body, and likely to be acceptable.

In consequence of a wish which was expressed by several members of the Natural History section of the Association, and being themselves convinced of the value of local catalogues in serving to correct the materials of more extended works, the Cuverian Society have undertaken the publication of this little work. The example now set may

possibly be the means of encouraging the appearance of other Catalogues, and thus, in its humble way, of contributing to the advance of the Natural History of Ireland.

As these lists are necessarily far from complete, it is suggested that Gentlemen residing in the Country could render valuable service to science, by forwarding any specimens of animals, plants, shells, &c., which may occur, to the Society's Secretary, FRANCIS M. JENNINGS, Esq., Brown Street, Cork.

MEMORANDA

TOWARDS A

FAUNA

OF

THE COUNTY OF CORK,

Div.: VERTEBRATA

BY

J. R. HARVEY, A.B., M.D., M.R.C.S.L.

PRESIDENT OF THE MEDICAL, AND LATE PRESIDENT OF THE CUVIERIAN SOCIETIES OF CORK: FELLOW, AND LOCAL SECRETARY OF THE BOTANICAL SOCIETY OF EDINBURGH: PHYSICIAN TO THE SOUTH CHARITABLE INFIRMARY, AND TO THE LYING-IN HOSPITAL, CORK: LECTURER ON THE PRACTICE OF PHYSIC IN THE CORK SCHOOL OF MEDICINE, ETC.

PREFACE.

The present, so far as I am aware, is the first Catalogue of the Vertebrated Animals of the County of Cork which has been published. It was originally prepared in a tabular form, somewhat on the plan of Mr. Thompson's report on the Fauna of Ireland; but as its present shape seems best adapted for this little publication, I have considered it sufficient to give the following summary of the number of species in each class which have been found in the County, as compared with those of Great Britain and Ireland respectively.

	Mammalia.	Birds	Reptiles.	Amphibia.	Fishes.	Total.
Great Britain	67.	301.	8.	7.	236.	619.
Ireland	31.	238.	2.	5.	159.	435.
Cork	24.	167.	1.	1.	95.	228.

For the knowledge of a considerable number of the rarer fishes in this list, I am indebted to my friend Robert Ball, Esq., of Dublin; who kindly furnished me with notes on the whole divison: the greater part of the remainder I have had opportunities of observing myself.

Vultur fulvus has only been met with in the one instance here recorded, in the British Isles: *Turdus Whitei*,

Glareola pratincola, and *Naucrates ductor* are likewise new to the Irish Fauna; and the only occurrence of *Sciæna aquila* as an Irish species, was in Cork Harbour within a few years.

Since this Catalogue was printed, a female Dotterel (*Charadrius morinellus* Linn) came into my possession through the kindness of Mr. Olden of Winthrop Street, in this City. A single individual, obtained in Tipperary about two years since by Mr. Robert Davis, Jun., was the only instance I had heard of its occurrence in the South of Ireland before. I have also received a fine specimen of the Cinereous Shrike (*Lanius excubitor* Linn) which was shot by Mr. John Travers, of Commines near Carrigaline, a few days since.

J. (R.) H.

NOVEMBER, 1841.

VERTEBRATA

OF THE

COUNTY OF CORK.

Class MAMMALIA.

Order CHEIROPTERA.

Fam. *Vespertilionidæ.*

1. VESPERTILIO, *Geoff.*

1. V. *pipistrellus*, Linn. *Pipistrelle,—common.*

2. PLECOTUS, *Geoff.*

2. P. *auritus*, Linn. (sp.) *Long-eared Bat.—common.*

Order INSECTIVORA.

Fam, *Erinaceidæ.*

3. ERINACEUS, *Linn.*

3. E. *Europæus*, Linn. *Hedgehog.—frequent.*

Fam. *Soricidæ.*

4. SOREX, *Linn.*

4. S. *rusticus*, Jenyns. *Common Shrew—pretty generally distributed.*

*

Order CARNIVORA.

Fam. *Ursidæ.*

5. Meles. *Cuv.*

5. M. *taxus*, Flem. *Badger.* Woods near Bandon, &c.—*not common.*

Fam. *Mustelidæ.*

6. Lutra, *Cuv.*

6. L. *vulgaris*, Erxleb. *Otter.—not uncommon.*
Var.? *Roensis.* Coast, Youghal, &c.: *Mr. Ball.*

7. Mustela, *Linn.*

7. M. *vulgaris*, Linn. (?) *Weasel.*
8. M. *ermines*, Linn. *Stoat.—common.* This animal is universally known as the *common Weasel.* I have not seen a native specimen of M. *vulgaris.*

8. Martes, *Ray.*

9. M. *abietum*, Ray. *Pine Marten.* (qu. young animal?)
10. M. *foina*, Linn. (sp) *Common Marten.* I have met with specimens answering to the specific descriptions of both of these, as well as with the breast in an intermediate condition. Mr. Eyton's opinion* that they are one species at different ages, is probably correct. Barry's Court near Carrigtwohill; Woods near Bandon, Dunmanway, &c.—*rare.*

9. Vulpes, *Briss.*

11. V. *vulgaris*, Briss. *Fox.—common.*

Fam. *Phocidæ.*

10. Phoca, *Linn.*

12. P. *vitulina*, Linn. *Common Seal.*

11. Halichœrus, *Nilsson.*

13. H. *gryphus*, Fabr. (sp.) *Grey Seal.*

Order RODENTIA.

Fam. *Muridæ.*

12. Mus, *Linn.*

14. M. *sylvaticus*, Linn. *Field Mouse.—common.*
15. M. *musculus*, Linn. *Common Mouse.—common.*
16. M. *rattus*, Linn. *Black Rat.* In old buildings in the northern parts of the City of Cork, near Garrycloyne, &c.—*rare.*

* See Ann. Nat. His. Dec. 1840., p. 290.

Fam. *Leporidæ.*

13. Lepus, *Linn.*

17. L. *Hibernicus*, } Bell. *Irish Hare.*
L. *variabilis*, } Pall. *Alpine Hare.*
Shewn by Mr. Thompson at the Meeting of the British Association in 1843, to be the same species.
18. L. *cuniculus*, Linn. *Rabbit.—common.*

Order CETACEA.

Fam. *Delphinidæ.*

14. Delphinus, *Cuv.*

19. D. *delphis*, Linn. *Common Dolphin.*

15. Phocæna, *Cuv.*

20. P. *communis*, Cuv. *Common Porpoise.*
21. P. *orca*, Linn. (sp.) *Grampus.*
22. P. *melas*, Traill. (sp.) *Round-headed Porpoise.* Frequently captured in large companies on different parts of the coast.

Fam. *Physeteridæ.*

16. Physeter, *Linn.*

23. P. *macrocephalus*, Linn. *Spermaceti Whale.* One at Clay Castle, near Youghal, about 70 years since. One at Castlehaven, 60 feet long, supposed to have been a Spermaceti Whale, is mentioned amongst others by Smith. *Hist. Cork, vol. 2. p.* 299. 1750.

Fam. *Balænidæ.*

17. Balænoptera, *Lacep.*

24. B. *Boops*, Linn. (sp.) *Northern Rorqual.* A whale 85 feet long, stranded many years ago at Crookhaven, and the jaws of which form an arch at the entrance of Aghadown. (Col. Beecher's) I presume to have been of this species.—*Ibid.*

Another individual, which, from the particulars kindly sent me by my friends George Armstrong & J. Fitz-Henry Townsend, Esqrs. I have little hesitation in referring to this species also, ran in amongst the rocks at Glandore Harbour this summer (1844), and was taken. It was a male, and measured 74 feet in length and 30 in girth. Length of head about 18 feet; gape from point of nose to angle of mouth, 16 feet. The longest plates of baleen were 2½ feet, the shortest 6 inches. Tail 18 feet from tip to tip. One small thick dorsal fin at a distance of 9 feet from the tail. The colour was black above, and a mottled grey on the under surface. The skin of the belly and under parts was thrown into very distinct longitudinal folds. The pectoral fins were of enormous power, but their measurement is not given.

Class AVES.

Order RAPTORES.

Fam. *Vulturidæ.*

1. VULTUR, *Illig.*

1. V. *fulvus*, Linn. *Fulvous, or Golden Vulture.* Of the occurrence of this, the first individual either of the genus or species hitherto recorded in the British Isles, I have received the following particulars from my friend Mr. Ball of Dublin, who obtained the specimen from the Earl of Shannon, and has deposited it in the Museum of Trinity College Dublin. The bird, which was until lately, alive at his lordship's residence at Castlemartyr, and was supposed to be an Eagle, was recognized by Admiral Bowles as a Vulture, and attention drawn to it in consequence. It had been taken about a year before on the rocks in Cork Harbour, and when brought to Lord Shannon's, was in perfect plumage, and presented no indications of ever having been in confinement. From this it does not seem likely that it could have escaped from a ship; on the contrary there is more reason for considering it a rare occasional visitant. Again, being a European bird, and extending its range as far as Switzerland, it was at least as likely to have occurred as the Egyptian Vulture *(Neophron percnopterus*, Linn. sp.) which has been met with once or twice in Britain.

Fam. *Falconidæ.*

2. AQUILA, *Cuv*

2. A. *Chrysaetos*, Linn. (sp.) *Golden Eagle.* Breeds on the borders of Cork and Tipperary, and I believe also at Gougane Barra.—*resident.*

3. HALIÆETUS, *Sav.*

3. H. *albicilla*, Linn. (sp.) *Erne, Cinereous or Sea Eagle.* Cliffs, not uncommon.—*resident.*

This species I have uniformly found larger than the Golden Eagle; the contrary is generally stated in books.

4. Falco, *Linn.*

4. F. *peregrinus*, Linn. *Peregrine Falcon.* Cliffs on the sea coast.—*not uncommon.*

5. F. *æsalon*, Gmel. *Merlin.—resident.*

6. F. *tinnunculus*, Linn. *Kestril.* More freqnent than the last.

5. Accipiter, *Vigors.*

7. A. *fringillarius*, Will. *Sparrow Hawk.—common.*

6. Buteo, *Bechst.*

8. B. *vulgaris*, Bescht. *Common Buzzard.—not common.*

7. Circus, *Bechst.*

9. C. *rufus*, Briss. *Marsh Harrier.* Blarney, Inchigeela, &c.—*resident.*

10. C. *cyaneus*, Linn. (sp.) *Hen Harrier.—resident common.*

There can be little doubt that the Kite *(Milous Ictinus*, Sav.*)* was a resident a century since. Smith, *(Hist. Cork Vol. 2. p.* 321. 1750.*)* describes it as "common" under the name of *Melous candâ forcipata*, a description which could only have applied to this bird. The *Goshawk* and the *Gentil Falcon*, (which last is the young Goshawk) he probably confounded with the *Peregrine Falcon.* This bird is to be found at present in the same localities to which he referred them.

Fam. *Strigidæ.*

8. Otus, *Cuv.*

11. O. *vulgaris*, Flem. *Long-eared Owl.*

12. O. *brachyotus*, Linn. (sp.) *Short-eared Owl.* A winter visitant. In low marshy grounds—*not rare.*

9. Strix, *Linn.*

13. S. *flammea*, Linn. *Barn Owl.—common.*

10. Surnia, *Selb.*

14. S. *nyctea*, Linn. (sp.) *Snowy Owl.* An individual of this species was twice fired at by my friend Richard D. Parker, Esq., of Sundays Well, on Inchigeela mountain in 1827, but was not procured.

Order INSESSORES.

Div. I. DENTIROSTRES.

Fam. *Laniadæ.*

11. Lanius, *Linn.*

15. L. *excubitor*, Linn. *Cinereous Shrike.* This bird has occurred but once, that I am aware of, (in the year 1834) in this county. It was preserved by Mr. Dowden.

Fam. *Muscicapidæ.*

12. Muscicapa, *Linn.*

16. M. *grisola*, Linn. *Spotted Fly-catcher.* Regular summer visitant.

Fam. *Merulidæ.*

13. Cinclus, *Bechst.*

17. C. *aquaticus*, Bechst. *Dipper or Water Ouzel.* Rocky mountain streams: resident.—*not uncommon.*

14. Turdus, *Linn.*

18. T. *viscovirus*, Linn. *Missel Thrush.* Breeds regularly here of late years.

19. T. *Whitei*, Eyton. *White's Thrush.* An example of this rare bird (the first met with in Ireland) was obtained in December 1842 by Mr. Splaine at his residence near Bandon in this county. It is in the possession of Dr. Allman of Dublin. Mr. S. thinks he has seen a second individual in the same locality.

20. T. *pilaris*, Linn. *Fieldfare.* Winter visitant.—*common.*

21. T. *musicus*, Linn. *Song Thrush.* Resident.—*common.*

22. T. *iliacus*, Linn. *Red Wing.* Winter visitant.—*common.*

23. T. *merula*, Linn. *Blackbird.* Resident.—*common.*

24. T. *torquatus*, Linn. *Ring Ouzel.* Summer visitant to the mountainous districts.

15. Oriolus, *Linn.*

25. O. *galbula*, Linn. *Golden Oriole.* A rare occasional visitant. One was sent to the Institution in 1823 by Lord Bantry; another was obtained at Castlemartyr some years since by Mr. Ball.

Fam. *Sylviadæ.*

16, Accentor, *Bechst.*

26. A. *modularis*, Linn. (sp.) *Hedge Acceator.* Resident.—*common,*

17. Erythaca, *Swains.*

27. E. *rubecula*, Linn. (sp.) *Redbreast.* Resident.—*common.*

18. Phœnicura, *Swains.*

28. P. *tithys*, Scopoli, (sp.) *Black Redstart.* Of this species five individuals were shot near Youghal by Mr. Ball in 1818 or 1819. One only was preserved. A bird supposed to be P. *tithys* was seen at Youghal in 1837. It has also been lately obtained in the neighbouring County of Waterford by Dr. Burkitt.

19. Saxicola, *Bechst.*

29. S. *rubicola*, Linn. (sp.) *Stonechat.* Resident.—*common.*

30. S. *rubetra*, Linn. (sp.) *Whinchat.* Summer visitant.—*rare.*

31. S. *œnanthe*, Linn. (sp.) *Wheatear*, Summer visitant.

20. Salicaria, *Selb.*

32. S. *phragmitis*, Bechst. (sp.) *Sedge Warbler.** Summer visitant.

21. Curruca, *Bechst.*

33. C. *atricapilla*, Linn. (sp.) *Blackcap Warbler.* Summer visitant. This bird probably winters with us occasionally. I have known several instances of its occurrence at this season within a few years. In one case six were seen in a flock in December by my friend Mr. Robert Davis, Jun., of Clonmel. I saw two together in November 1839, both of which were taken. They were also seen in the winter of 1833 by Mr. Ball.

34. C. *cinerea*, Lath. (Sp.) *White-throat.* Summer visitant.

22. Sylvia, *Selb.*

35. S. *trochilus*, Linn. (sp.) *Willow Warbler or Willow Wren.* Summer visitant.—*common.*

36. S. *hippolais*, Linn. (sp.) *Chiff-chaff.* Summer visitant.—*less common than the last.*

I am inclined to believe that the Wood-wren (S. *sibilatrix*, Bechst) is entitled to the place in the Catalogue of Irish Birds which Mr. Thompson doubtfully assigns to it, on the authority of a friend. This gentleman's observations as to the *nest being lined with feathers*, contrary to the account of it in the different systematic works, entirely coincide with those of my late friend and relative Mr. Henry Fennell of Ballybrado in the County of Tipperary. This talented young gentleman, who was an ardent Ornithologist, closely observed, a few years since, a bird which appeared to him new, and he found both nest and eggs precisely answering the description given by Mr. Thompson in the Annals of Natural History (vol. 1. p. 22.) The nest was "profusely lined with feathers," and the eggs (two of which are now in my possession) quite differently spotted from those of the Willow Wren and much more densely covered. The bird was larger than either the Willow Wren or Chiff-chaff, and whiter underneath.†

23. Regulus, *Cuv.*

37. R. *auricapillus*, Selb. *Gold-crested Wren.—not uncommon.*

Fam. *Paridæ.*

24. Parus, *Leach.*

38. P. *major*, Linn. *Great Titmouse.—common.*
39. P. *cæruleus*, Linn. *Blue Titmouse.—common.*
40. P. *ater*, Linn. *Cole Titmouse.—common.*

25. Mecistura, *Leach.*

41. M. *caudata*, Linn. (sp.) *Long-tailed Tit.—rare.*

* S. *locustella*, Mr. Davis informs me, breeds in theCounty of Tipperary.

† Mr. F. obtained both eggs and young of Curruca hortensis, C. atricapilla, and several others of our rarer visitors.

Fam. *Ampelidæ.*

26. Bombycilla, *Briss.*

42. B. *garrula*, Linn. (sp.) *Bohemian Waxwing.* Once procured in 1820 at Castlemartyr by Mr. Ball.

Fam. *Motacillidæ.*

27. Motacilla, *Lath.*

43. M. *Yarrellii*, Gould, (M. *alba*, Auct.) *Pied Wagtail.—common.*
44. M. *boarula*, Linn. *Grey Wagtail.—common.*
Both species permanent residents.

Fam. *Anthidæ.*

28. Anthus, *Bechst.*

45. A. *arboreus*, Linn. (sp.) (?) *Tree Pipit.*
46. A. *pratensis*, Linn. (sp.) *Meadow Pipit.* Resident.—*common.*
47. A. *obscurus*, Gmel. (sp.) *Rock Pipit.* Resident.

Div. II. CONIROSTRES.

Fam. *Alaudidæ.*

29. Alauda, *Linn.*

48. A. *arvensis*, Linn. *Sky Lark.* Resident.—*common.*
49. A. *arborea*, Linn. *Wood Lark.* Resident.—*not common.*

Fam. *Emberizidæ.*

30. Plectrophanes, *Meyer*

50. P. *nivalis*, Linn. (sp.) *Snow Bunting.* Not very uncommon in immature plumage in winter. I have seen but one adult bird.

31. Emberiza, *Meyer.*

51. E. *miliaria*, Linn. *Common Bunting.* Resident.—*common.*
52. E. *schœniclus*, Linn. *Reed Bunting.* Resident.—*common in low grounds, &c.*
53. E. *citrinella*, Linn. *Yellow Bunting.—common.*

Fam. *Fringillidæ.*

32. Fringilla, *Cuv.*

54. F. *cœlebs*, Linn. *Chaffinch.* Resident.—*common.*
55. F. *montifringilla*, Linn. *Mountain Finch or Brambling.* Occasionally in considerable numbers in winter.

33. Passer, *Ray.*

56. P. *domesticus*, Ray. *House Sparrow.* Resident.—*common.*

34. Coccothraustes, *Briss.*

57. C. *chloris*, Linn. (sp.) *Green Grosbeak.* Resident.—*common.*

35. Carduelis, *Briss.*

58. C. *elegans*, Steph. *Goldfinch.*
59. C. *spinus*, Linn. (sp.) *Siskin.* Not unfrequently seen about Ardrum, Inniscarra, &c., in winter for several years past. I have a specimen from the former locality.

36. Linota, *Yarr.*

60. L. *cannabina*, Linn. (sp) *Common Linnet.* Resident.—*common.*
61. L. *linaria*, Linn. (sp.) *Lesser Redpole.* Winter visitant.—*rare.*
62. L. *montium*, Linn. (sp.) *Mountain Linnet or Twite.*

37. Pyrrhula, *Briss.*

63. P. *vulgaris*, Briss. *Bullfinch.—not generally distributed.*

38. Loxia, *Briss.*

64. L. *curvirostra*, Linn. *Common Crossbill.* Large numbers of Crossbills made their appearance in different parts of the South, in 1838—9. Some remained the whole year, and bred in the adjoining County of Tipperary, from whence young birds were sent me by the late Mr. Henry Fennell. A few were seen last summer in this neighbourhood.

Fam. *Sturnidæ.*

39. Sturnus, *Linn.*

65. S. *vulgaris*, Linn. *Common Starling.* Breeds plentifully in the rocks at Reanye Bay, &c.

Fam. *Corvidæ.*

40. Fregilus, *Cuv.*

66. F. *graculus*, Linn. (sp.) *Chough.* On cliffs over the sea.—*not generally distributed.*

41. Corvus, *Cuv.*

67. C. *corax*, Linn. *Raven.* Resident.
68. C. *corone*, Linn. *Carrion Crow.* Resident.
69. C. *cornix*, Linn. *Hooded Crow.* Resident.—*common.*
70. C. *frugilegus*, Linn. *Rook.* Resident.—*common.*
71. C. *monedula*, Linn. *Jackdaw.* Resident.—*common.*

42. Pica, *Cuv.*

72. P. *melanoleuca*, Vieill. *Magpie.* Resident.—*common.*

43. Garrulus, *Briss.*

73. G. *glandarius*, Linn. (sp.) *Jay.* Resident. In woods.—*not common.*

Div. III. SCANSORES.

Fam. *Certhiadæ.*

44. Certhia, *Linn.*

74. C. *familiaris*, Linn. *Creeper.* Resident.—*not uncommon.*

45. Troglodytes, *Cuv.*

75. T. *Europæus*, Selb. *Common Wren.* Resident.—*common.*

46. Upupa, *Linn.*

76. U. *epops*, Linn. *Hoopoe.* Examples of this bird occur not uncommonly in summer. I have known of three within two years.

Fam. *Cuculidæ.*

47. Cuculus, *Linn.*

77. C. *canorus*, Linn. *Common Cuckoo.* Summer visitant.

48. Coccyzus, *Vieill.*

78. C. *Americanus*, Linn. (sp.) *Carolina Cuckoo.* The first record of this species as a British Bird was by Mr. Ball; it was shot near Youghal in 1825. One since occurred near Bray, which is in the possession of Mr. Robert Davis, Jun., of Clonmel.

Div. IV. FISSIROSTRES.

Fam. *Halcyonidæ.*

49. Alcedo, *Linn.*

79. A. *ispida*, Linn. *Kingfisher.* Resident.—*Pretty generally diffused.*

Fam. *Hirundinidæ.*

50. Hirundo, *Linn.*

80. H. *rustica*, Linn. *Chimney Swallow.* Summer visitant.—*common.*

81. H. *urbica*, Linn. *House Martin.* Summer visitant—*common.*

82. H. *riparia*, Linn. *Bank Martin.* Summer visitant—*common.*

51. Cypselus, *Illig.*

83. C. *apus*, Linn. (sp.) *Common Swift.* Summer visitant.—*common.*

84. C. *melba*, Linn. (sp.) *Alpine Swift.* A single example obtained off Cape Clear in the year 1838.—*a very rare visitant to Britain.*

Fam. *Caprimulgidæ.*

52. Caprimulgus, *Linn*

85. C. *Europæus*, Linn. *Nightjar.* Summer visitant.—*pretty common in the south generally.*

Order RASORES.

Fam. *Columbidæ.*

53. Columba, *Swains.*

86. C. *palumbus*, Linn. *Ring Dove.* Resident.—*common.*
87. C. *livia*, Briss. *Rock Dove.* Resident—*common* on the coasts.
88. C. *turtur*, Linn. *Turtle Dove.* Summer visitant. The Turtle Dove has been shot at Castlefreke in the west of the county by the Rev. Joseph Stopford. It has also been frequently observed in two localities in the neighbourhood of Carrigaline, about ten miles south of Cork.

Fam. *Tetraonidæ.*

54. Lagopus, *Vieill*

89. L. *Scoticus*, Lath. (sp.) *Red Grouse.* Resident.

55. Perdix, *Steph.*

90. P. *cinerea*, Briss. *Common Partridge.* Resident.

56. Coturnix, *Briss.*

91. C *vulgaris*, Briss. *Common Quail.* Summer visitant.—*not very common.*

Otis tarda, Linn. the Great Bustard, was formerly found in Cork, according to Smith, *Hist. Cork, Vol.* 2. *p.* 329.

Order GRALLATORES.

Fam. *Charadriadæ.*

57. Glareola, *Briss.*

92. G. *pratincola*, Leach. *Collared Pratincole.* The Pratincole has not hitherto had a place amongst Irish Birds, but I have no hesitation in admitting it into this Catalogue on the authority of my friend the Rev. Joseph Stopford, who is well acquainted with our native Birds. He informs me that he shot the bird a few years since in the month of October at Castlefreke, the Seat of Lord Carbery. The minute description which he gave me leaves no doubt as to his correctness. The specimen, I regret to say, was not preserved.

58. Charadrius, *Linn.*

93. C. *pluvialis*, Linn. *Golden Plover.* Resident.—*common.*
94. C. *hiaticula*, Linn. *Ringed Plover.* Resident.—*common.*

59. Squatarola, *Cuv.*

95. S. *cinerea*, Cuv. *Grey Plover.* Winter visitant.—*not very common.*

Smith *(Hist. Cork, vol.* 2. *p.* 300*)* enumerates the *Great Plover, (Œdicnemus crepitans)* amongst the Birds of Cork. It has not been met with of late years within the county, but my friend Richard D. Parker, Esq., of Sundays Well, writes me that he met two of these

"large solitary Plover" on the wild mountains of Iveragh, County of Kerry, in August 1842. He had full opportunity of observing them, "for," says he, they seemed fond of perching on the rough knolls on the mountain; they allowed me toapproach within ten or twelve yards of them, when they rose, and uttered a shrill whistle." Both this gentleman, and his brother Mr. Adam Parker, are intimately acquainted with our native Birds and their habits. In but one instance, so far as I know, had this bird been met with in Ireland before.

60. VANELLUS, *Cuv.*

96. V. *cristatus*, Meyer. *Lapwing*. Resident.—*common*.

61. STREPSILAS, *Illig.*

97. S. *interpres*, Linn. (sp.) *Common Turnstone*. I have seen this bird in different states of plumage in summer on the coast.

62. HÆMATOPUS, *Linn.*

98. H. *ostralegus*, Linn. *Pied Oyster-catcher*. Resident.

Fam. *Ardeidæ.*

63. ARDEA, *Steph.*

99. A. *cinerea*, Linn. (sp.) *Common Heron*. Resident.—*common*.

100. A. *garzetta*, Linn. *Little Egret*. An individual was shot in Cork Harbour in 1792. The specimen, I am informed, was sent to the Dublin Society's Museum. A fatigued bird, taken by Colonel Godfrey in Kerry, was sent some years ago, to Mr. Dowden at the Cork Institution.

64. BOTAURUS, *Steph.*

101. B. *stellaris*, Linn. (sp.) *Common Bittern*. Resident.—*rare of late years*.

102. B. *minutus*, Linn. (sp.) *Little Bittern*. An adult male, now in my possession, was shot in the summer of 1842. near Woodside, by Mr. Robert Parker. The Rev. Mr. Stopford once shot the bird also.

65. NYCTICORAX, *Steph.*

103. N. *Europæus*, Steph. *Night Heron*. A fine male with very long white crest, shot at Castlefreke a few years since by the Rev. J. Stopford.

66. PLATALEA, *Linn.*

104. P. *leucorodia*, Linn. *White Spoonbill*. A very rare visitant. It has occurred but in a few instances. One was shot in the neighbourhood of Youghal, on the borders of the county, a few months since.

Fam. *Scolopacidæ.*

67. NUMENIUS, *Briss.*

105. N. *arquata*, Linn. (sp.) *Common Curlew*. Resident—*common*.

106. N. *phæopus*, Linn. (sp.) *Whimbrel*. Occasionally in considerable numbers.

68. Totanus, *Bechst.*

107. T. *calidris*, Bechst. *Red-shank Sandpiper.—common.*
108. T. *ochropus*, Linn. (sp.) *Green Sandpiper.* By streams in summer and autumn.—*not common.*
109. T. *hypoleucos*, Linn. (sp.) *Common Sandpiper.*
110. T. *glottis*, Linn. (sp.) *Greenshank.* Resident? I have seen and obtained specimens of this bird in August.

69. Limosa, *Briss.*

111. L. *melanura*, Leisl. *Black-tailed Godwit.—much less common than the next.*
112. L. *rufa*, Briss. *Bar-tailed Godwit.* Winter visitant.

70. Scolopax, *Linn.*

113. S. *rusticola*, Linn. *Woodcock.* Winter visitant. I have not heard of its remaining during the summer so far south as this county.
114. S. *gallinago*, Linn. *Common Snipe.* Resident.—*common.*
115. S. *gallinula*, Linn. *Jack Snipe.* Winter visitant.—*common.*

71. Tringa, *Selb.*

116. T. *variabilis*, Meyer. *Dunlin.* Resident.—*common.*

72. Phalaropus, *Briss.*

117. P. *lobatus*, Linn. (sp.) *Grey Phalarope.* Individuals of this species appeared in different parts of the South in the winter of 1841—2. Two were taken on the same day on the river Suir, and another came into the possession of Mr. Samuel Moss of Youghal about the same time.

Fam. *Rallidæ.*

73. Rallus, *Linn.*

118. R. *aquaticus*, Linn. *Water Rail.* Resident.—*not uncommon.*

74. Crex, *Bechst.*

119. C. *pratensis*, Bechst. *Corn Crake.* Summer visitant.—*common.*
120. C. *porzana*, Linn. (sp.) *Spotted Crake.* Perhaps more common than is generally supposed. It has been shot by my friend Mr. Adam Parker in two or three instances within a short time. He and his brother (both ornithologists as well as sportsmen) have not unfrequently met with it for several years past. It has occurred also to Mr. Robert Davis, Jun., in Tipperary.

75. Gallinula, *Lath.*

121. G. *chloropus*, Linn. (sp.) *Moor Hen.* Resident.—*common.*

76. Fulica, *Linn*

122. F. *atra*, Linn. *Coot.* Resident.—*not uncommon.*

Order NATATORES.

Fam. *Anatidæ.*

Subfam. *Anserinæ.*

77. Anser, *Steph.*

123. A *segetum*, Linn. (sp.) *Bean Goose.* In winter, occasionally plentifully.
124. A. *albifrons*, Linn. (sp.) *White-fronted Goose.—rare.*
The Rev. Mr. Stopford informs me that it has been shot at Kilkerran in the west of the county.

78. Bernicla, *Steph.*

125. B. *lencopsis*, Steph. *Common Bernicle.*
126. B. *brenta*, Steph. *Brent Bernicle.* More frequent and in greater numbers than the last.

79. Cygnus, *Meyer.*

127. C. *(Bewickii*, Yarr.?*)*
Swans are occasionally seen, but I have had no opportunity of ascertaining with certainty the species.

Subfam. *Anatinæ.*

80. Tadorna, *Leach.*

128. T. *Bellonii*, Willoughby. *Common Shieldrake.* Said to breed near Midleton.

81. Spathulea, *Swains.*

129. S. *clypeata*, Linn. (sp.) *Shoveller.* Not unfrequent, particularly in immature plumage.

82. Anas, *Linn.*

130. A. *Boschas*, Linn. *Common Wild Duck.* Resident—*common.*

83. Querquedula.

131. Q. *acuta*, Linn. (sp.) *Pintail.* In winter, occasionally in considerable numbers.
132. Q. *crecca*, Linn. (sp.) *Teal.—common.*
133. Q. *circia*, Steph. *Garganey.* I have seen but one individual of this species taken in the county: it was an adult male.

84. Mareca, *Steph.*

134. M. *penelope*, Linn. (sp.) *Wigeon.—common* in winter.

Subfam. *Fuligulinæ.*

85. Oidemia, *Flem.*

135. O. *nigra*, Linn. (sp.) *Black Scoter.—not uncommon* on the coast in winter.

86. Fuligula, *Ray.*

136. F. *ferina*, Linn. (sp) *Common Pochard.* Winter visitant.
137. F. *marila*, Linn. (sp.) *Scaup Pochard.* Winter visitant.—*not uncommon.*
138. F. *cristata*, Steph. *Tufted Pochard.* Winter visitant.—*not uncommon.*

87. Clangula, *Flem.*

139. C. *chrysophthalmos*, Steph. *Golden-eye Garrot.* In winter.—*less frequent than some years since.*

Subfam. *Merganinæ.*

88. Mergus, *Linn.*

140. M. *merganser*, Linn. *Goosander.—not unfrequent* in winter.
141. M. *serrator*, Linn. *Red-breasted Merganser.* Winter.—*rare.* I have got it both in adult and immature plumage.

Fam. *Colymbidæ.*

89. Podiceps, *Lath.*

142. P. *cristatus*, Linn. (sp.) *Great Crested Grebe.* This species I have seen in immature garb only.
143. P. *minor*, Linn. (sp.) *Little Grebe.* Resident.—*common.*

90. Colymbus, *Lath.*

144. C. *glacialis*, Linn. *Northern Diver.*
145. C. *septentrionalis*, Linn. *Red-throated Diver.*
Both common in immature plumage in winter; adults are rare, the latter especially.

Fam. *Alcidæ.*

91. Uria. *Briss.*

146. U. *troile*, Linn. (sp.) *Foolish Guillemot.* Resident—*common.*
147. U. *grylle*, Linn. (sp.) *Black Guillemot.—less frequent than the last.*

92. Mergulus, *Ray.*

148. M. *alle*, Selb. *Common Rotche.* I have seen this bird in Cork Harbour, but have not got a specimen.

93. Fratercula, *Briss.*

149. F. *arctica*, Linn. (sp.) *Puffin.* Summer visitant.

94. Alca, *Linn.*

150. A. *torda*, Linn. *Razor-Bill.* In the summer months, *common.*

Fam. *Pelecanidæ.*

95. Phalacrocorax, *Briss,*

151. P. *carbo,* Linn. (sp.) *Common Cormorant.* Resident.—*common.*

152. P. *cristatus,* Linn. (sp.) *Green Cormorant or Crested Shag.*

96. Sula, *Briss.*

153. S. *bassana,* Briss. *Gannet.* This species breeds on the Skellig Rocks, off this coast: adult birds are, notwithstanding, more frequently seen than young.

Fam. *Laridæ.*

97. Sterna, *Steph,*

154. S. *hirundo,* Linn. *Common Tern.*

155. S. *arctica,* Temm. *Arctic Tern.*

Both species occasionally appear in considerable numbers.

156. S. *nigra,* Linn. *Black Tern.* Has bred on a small lake in this county, according to Mr. Ball.

98. Larus, *Linn.*

157. L. *ridibundus,* Linn. *Black-headed Gull.—common.*

158. L. *tridactylus,* Lath. *Kittiwake Gull.* I have seen this bird occasionally in winter as well as in summer.

159. L. *canus,* Linn. *Common Gull.* This and L. *ridibundus* are our commonest species.

160. L. *argentatus,* Linn. *Herring Gull.* Resident.—*common.*

161. L. *fuscus,* Linn. *Lesser black-backed Gull.* Resident.

162. L. *marinus,* Linn. *Great black-backed Gull.—not rare,* especially in winter.

99. Lestris, *Illig.*

163. L. *pomarinus,* Temm. *Pomarine Skua.*

100. Puffinus, *Ray.*

164. P. *major,* Faber. (?) *Cinereous Shearwater.* This bird has been twice obtained in the neighbourhood of Dungarvan by Mr. Davis of Clonmel.

165. P. *Anglorum,* Ray. *Manks' Shearwater.* On an evening in the Autumn of 1838, I watched for a long time a number of birds on the wing in Bantry Bay which I have no doubt were of this species. We had no gun on board or we should have had no difficulty in procuring several.

101. Thalassidroma, *Vig.*

166. T. *pelagica,* Linn. (sp.) *Stormy Petrel.—not uncommon.*

167. T. *Bullockii,* Selb. *Fork-tailed Petrel.* This species occurs occasionally. I obtained a specimen a few years since through the kindness of Mr. W. T. Jones of this city.

Class REPTILIA

Order SAURIA.

Fam. *Lacertidæ*

1. ZOOTOCA. *Wagler.*

1. Z. *vivipara,* Wagl. *Common Lizard.*

Class AMPHIBIA.

Order CADUCIBRANCHIA.

Fam. *Ranidæ.*

1. RANA, *Linn.*

1. R. *temporaria,* Linn. *Common Frog.—common.*

Bufo Calamita, Laurent. *(Natterjack Toad,)* has not been found in Cork. It is here, as in England, confined to a few particular localities, and these, so far as I know, within the neighbouring County of Kerry. Attempts to naturalize the Common Toad *(Bufo vulgaris,* Laurent*)* have failed more than once.

Class PISCES.

I. OSSEI.

(A) PECTINIBRANCHII.

Order ACANTHOPTERYGII.

Fam. *Percidæ.*

1. Perca, *Cuv.*

1. P. *fluviatilis*, Linn. *Perch.*

2. Labrax, *Cuv.*

2. L. *lupus*, Cuv. *Basse.*

3. Trachinus, *Linn.*

3. T. *vipera*, Cuv. *Lesser Weever or Sting-fish.*

Fam. *Loricati.*

4. Trigla.

4. T. *pini*, Bloch. *Red Gurnard.—common.*
5. T. *lineata*, Linn. *Streaked Gurnard.*
6. T. *lyra*, Linn. *Piper.—not uncommon.*
7. T. *gurnardus*, Linn. *Grey Gurnard.—common.*
8. T. *pæciloptera*,

5. Cottus, *Linn.*

9. C. *scorpius*, Linn. *Sea Scorpion.*
10. C. *bubalis*, Euphrasen. *Father Lasher.*

Both species occur in Cork Harbour, not unfrequently.

6. Aspidophorus, *Lacep,*

11. A. *cataphractus*, Linn. (sp.) *Pogge.*

7. Gasterosteus, *Cuv.*

12. G. *aculeatus*, Linn. *Three-spined Stickleback.—common.* Possibly several varieties.
13. G. *pungitius*, Linn. *Ten-spined Stickleback.*

8. Spinachia, *Flem.*

14. S. *vulgaris*, Flem. *Fifteen-spined Stickleback.—common.*

Fam. *Sciænidæ.*

9. Sciæna, *Cuv.*

15. S. *aquila.* Cuv. *Maigre.* A fine specimen of this fish, the first which has been recorded as having occurred on the Irish coast, was taken whilst basking at the surface of the water opposite Passage in the Harbour of Cork, on the 1st August 1840. It measured 6 feet 4 inches. The skin and auricular bones were preserved and are in my possession, but its large and beautifully fringed air-bladder was unfortunately burst in attempting to free its numerous processes from their attachments between the vertebræ. I sent a notice of this fish with some particulars, to the Editors of the Annals of Natural History, which, though acknowledged and announced for publication, did not afterwards appear.

Fam. *Sparidæ.*

10. Pagellus, *Cuv.*

16. P. *centrodontus*, Laroche. (sp.) *Common Sea Bream— common.*

Fam. *Scombridæ.*

11. Scomber, *Linn.*

17. S. *scomber*, Linn. *Mackerel.* Occasionally in large quantities

12. Thynnus, *Cuv.*

18. T. *pelamys*, Linn. (sp.) (?) *Bonito.* My friend Dr. Bullen informs me that he saw and examined an individual of this species which was taken at Kinsale some years since.

13. Naucrates, *Cuv.*

19. N. *ductor*, Linn. (sp.) *Pilot-fish.* An example of this species (now first introduced into the Catalogue of Irish Fishes) was captured about two years since at Crookhaven in the west of this county, and sent by Mr. Notter to Mr. W. T. Jones of this City. It is preserved, and in Mr. Jones's possession.

14. Caranx, *Lacep.?*

20. C. *trachurus*, Linn. (sp.) *Scad. Horse Mackerel.*

15. Zeus, *Linn.*

21. Z. *faber*, Linn. *Dory.*—not uncommon.*

* Dr. Burkitt of Waterford kindly sent me, amongst many other things, a specimen of the *Lampris Luna*, Linn. (sp.) *(the Opah or King-fish)* which was taken in October 1842, on the strand at Tramore, County Waterford. I exhibited it to the Natural History Section of the British Association, at their Meeting in this City.

Fam. *Mugilidæ.*

16. Mugil, *Cuv.*

22. M. *capito*, Cuv. *Gray Mullet.*
23. M. *chelo*, Cuv. (?) *Thick-lipped Grey Mullet.*

17. Atherina, *Linn.*

24, A. *presbyter*, Cuv. *Atherine or Sandsmelt.*

Fam. *Gobioidæ.*

18. Blennius, *Linn.*

25. B. *pholis*, Linn. *Smooth Blenny or Shan.*

19. Murœnoides, *Lacep*,

26. M. *guttata*, Lacep. *Spotted Gunnel.—not uncommon*

20. Gobius, *Linn.*

27. G. *niger*, Linn. *Black Goby.*
28. G. *bipunctatus*, Varr. *Two-spotted Goby.*
29. G. *minutus*, Linn. *Spotted Goby.*
30. G. *gracilis*, Jenyns. *Slender Goby.*

21. Callionymus, *Linn.*

31. C. *lyra*, Linn. *Gemmeous Dragonet.*
32. C. *dracunculus*, Linn. *Sordid Dragonet or Skulpin.*

Fam. *Lophiadæ.*

22. Lophius, *Linn.*

33. L. *piscatorius*, Linn. *Angler or Sea-devil.—frequent.*

Fam. *Labridæ*

23. Labrus, *Cuv.*

34. L. *variegatus*, Linn. *Blue-striped Wrasse.*

24, Crenilabrus, *Cuv.*

35. C. *tinca*, Linn. (sp.)
C. *Cornubicus*, Linn. (sp.) } *Connor or Goldsinny.*
C. *gibbus*, Linn. (sp.)

36. C. *pusillus*, Jenyns. (sp.) *Corkling.* Three individuals of this species were obtained at Youghal in 1835 by Mr. Ball.

Order MALACOPTERYGII.

Fam. *Cyprinidæ.*

25. Tinca, *Cuv.*

37. T. *vulgaris*, Cuv. *Tench.*

26. Leuciscus, *Klein.*

38. L. *erythrophthalmus*, Linn. (sp.) *Rudd.* Commonly called the *Roach*, but the true Roach (L. *rutilus*, Linn. sp.) has not been found here.

Fam. *Esocidæ.*

27. Esox, *Linn.*

39. E. *lucius*, Linn. *Pike.* Rivers and lakes.—*not uncommon.*

28. Belone, *Cuv.*

40. B. *vulgaris*, Cuv. *Gar-fish or Green-bone.*

29. Exocœtus, *Linn.*

41. E. *volitans*, (?) Linn. *Flying-fish.* My friend Mr. T. Wright of this City, when fishing off Roberts's Cove, some years since, observed a *flight* of fishes which he concluded were a species of Exocœtus. In this he was confirmed by a sailor on board who had often seen Flying-fish on voyages to the Southward.

30. Salmo, *Cuv.*

42. S. *salar*, Linn. *Common Salmon.—common.*
43. S. *trutta*, Linn. *Sea Trout or Salmon Trout.*
The *White Trout* of Devonshire, Wales and Ireland.
44. S. *fario*, Linn. *Common Trout.—common.*

Fam. *Clupeidæ.*

31. Clupea.

45. C. *harengus*, Linn. *Herring.—common.*
46. C. *sprattus*, Bloch. *Sprat.—common.*
47. C. *pilchardus*, Bloch. *Pilchard.* The Pilchard Fishery in Bantry Bay, is described by Smith *(Hist. Cork, vol. 2. p. 310.)* as having been very extensive.

Fam. *Gadidæ.*

32. Morrhua, *Cuv.*

48. M. *vulgaris*, Cuv. *Common Cod.*
49. M. *callarias*, Linn. (sp.) *Variable Cod or Dorse.*
50. M. *æglefinus*, Linn. (sp.) *Haddock.—common.*
51. M. *lusca*, Will. (sp.) *Bib or Pout.*
52. M. *minuta*, Will. (sp.) *Poor.*

33. Merlangus, *Cuv.*

53. M. *vulgaris*, Will. *Whiting.—common.*
54. M. *pollachius*, Linn. (sp.) *Pollack.*
55. M. *carbonarius*, Linn. (sp.) *Coal-fish.*

34. Merlucius, *Cuv.*

56. M. *vulgaris*, Cuv. *Hake.—common.*

35. LOTA, *Cuv.*

57. L. *molva*, Linn. (sp.) *Ling.—common.*

36. MOTELLA, *Cuv.*

58. M. *tricirrata*, Linn. (sp.) *Three-bearded Rock-ling.*
59. M. *mustela*, Linn. (sp.) *Five-bearded Rock-ling.*

Fam. *Pleuronectidæ.*

37. PLATESSA, *Cuv.*

60. P. *vulgaris*, Cuv. *Common Plaice.—common.*
61. P. *flesus*, Linn. (sp.) *Flounder —common.*
62. P. *limanda*, Linn. (sp.) *Dab.—common.*

38. HIPPOGLOSSUS, *Cuv.*

63. H. *vulgaris*, Cuv. *Holibut.*

39. PLEURONECTES, *Cuv.*

64. P. *maximus*, Linn. *Turbot.*
65. P. *rhombus*, Linn. *Britt.*
66. P. *megastoma*, Don. *Whiff.*

40. SOLEA, *Cuv.*

67. S. *vulgaris*, Cuv. *Common Sole.—common.*

41. MONOCHIRUS, *Cuv,*

68. M. *linguatulus*, Cuv. *Solenette.*

Fam. *Cyclopteridæ*

42. CYCLOPTERUS.

69. C. *lumpus*, Linn. *Lump Sucker.—not uncummon.*

43. LIPARIS, *Arted.*

70. L. *Montagui*, Don. *Montagu's Sucker.*

Fam. *Muræniddæ.*

44. ANGUILLA, *Cuv.*

71. A. *acutirostris*, Yarr. *Sharp-nosed Eel.—common.*

45. CONGER, *Cuv.*

72. C. *vulgaris*, Cuv. *Conger Eel.—not uncommon.*

46. LEPTOCEPHALUS, *Gronov.*

73. L. *Morrisii*, Penn. *Anglesea Morris.* I watched for some time a number of Fish in Cork Harbour a few months since, which I have no hesitation in considering as of this species. I was unable to procure a specimen. It had been found by Mr. Ball previously.

Fam. *Anguillidæ.*

47. Ammodytes, *Linn.*

74. A. *lancea*, Cuv. *Small-mouthed Sand-launce.*

(B) LOPHOBRANCHII.

Order OSTEODERMI.

Fam. *Syngnathidæ.*

48. Syngnathus.

75. S. *acus*, Linn. *Great Pipe-fish.*
76. S. *typhle*, Linn. *Lesser Pipe-fish.*
77. S. *æquoreos*, Linn. *Œquoreal Pipe-fish.*
78. S. *Anguineus*, Jen. } *Snake Pipe-fish.*
    S. *ophidion*, Bl. }
79. S. *lumbriciformis*, Jen. *Worm Fipe-fish.*

49. Hippocampus,

80. H. *brevirostris*, Cuv. (?) *Sea Horse.* A specimen of H. *brevirostris* is said to have been found dead on the beach near Youghal a few years since.

(C) PLECTOGNATHI.

Fam. *Gymnodontidæ.*

50. Orthagoriscus, *Schneid.*

81. O. *mola*, Linn. (sp.) *Short Sun-fish.*(?) A specimen occurred in Cork Harbour, I believe in 1837.

(2. CARTILAGINEI.)

Order ELEUTHEROPOMI.

Fam. *Sturionidæ.*

51. Acipenser, *Linn.*

82. A. *Thompsoni*, (?) Ball. MS. *Thompson's Sturgeon.*

Whether the Sturgeon which has occasionally been taken in the Blackwater be of the species thus named by Mr. Ball, I am not prepared to say—nor whether the Common Sturgeon (A. *sturio*, Linn.) should be included in the Catalogue besides. If the species should prove peculiar to this country, the happy selection of the specific name must afford pleasure to all Irish Naturalists. An exclusively Irish species would be most worthily dedicated to one who has done such signal service to this branch of the science of his native country.

Order PLAGIOSTOMI.

Fam. *Squalidæ.*

52. Scyllium, *Cuv.*

83. S. *canicula*, Linn. (sp.) *Spotted Dog-fish.*

53. Carcharias, *Cuv.*

84. C. *glaucus*, Linn. (sp.) *Blue Shark.*

54. Lamna, *Cuv.*

85. L. *Cornubica*, Linn. (sp.) } *Porteagle Shark.*
86. L. *Monensis*, Shaw. (sp.) } *Beaumaris Shark.*
Now I believe considered as one species.

55. Gaeus, *Cuv.*

87. G. *vulgaris*, Cuv. *Common Tope.*

56. Mustelus, *Cuv.*

88. M. *lævis*, Cuv. *Smooth Hound.*

57. Spinax, *Cuv.*

89. S. *acanthias*, Linn. (sp.) *Picked Dog-fish.*

58. Squatina, *Dumeril.*

90. S. *angelus*, Dum. (?) *Angel-fish.*
This species, being stated by Smith, *(Hist. Cork, Vol. 2. p.* 305.*)* to have been of frequent occurrence, and having occurred on the shores both of Kerry and Waterford, I give it a place without having myself known it to have been taken on our own immediate coast.

Fam. *Raiidæ.*

59. Raia, *Cuv.*

91. R. *batis*, Linn. *Skate.*
92, R. *clavata*, Linn. *Thorn-back.*

60. Trygon, *Adans.*

93. T. *pastinaca*, Linn. (sp.) *Sting Ray.*

Order CYCLOSTOMI.

Fam. *Petromyzidæ.*

61. Petromyzon, *Linn.*

94. P. *marinus*, Linn. *Sea Lamprey.*
95. P. *fluviatilis*, Linn. *River Lamprey.*
96. P. *Planeri*, Cuv. *Planer's Lampaey.*

62. Ammocœtes, *Dumer.*

97. A. *branchialis*, Linn. (sp.) *Pride.*

MEMORANDA

TOWARDS A

FAUNA

OF

THE COUNTY OF CORK.

Division : INVERTEBRATA.

Classes : MOLLUSCA.
— : CRUSTACEA.
— : ECHINODERMATA.

BY

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PREFACE.

THE Catalogue of Testaceous Mollusca was prepared from the Manuscript Catalogue of my own collection, with several additions from William Thompson's Fauna (chiefly of land and fresh water shells) made by R. Ball, of Dublin and Sisters, Rev. T. Hincks, Dr. Allman, &c. For the list of the Crustacea and Echinodermata, I am indebted, almost wholly, to William Thompson's report of the Fauna of Ireland not having myself had opportunities to collect or arrange them; and I take this method of returning him my best acknowledgements for the promptitude with which he furnished me with every information in his power.

Many additions, I doubt not, may yet be made to this Catalogue, and I shall be much gratified in seeing it increased by the assiduity of my brother collectors.

J. D. H.

LAND AND FRESH WATER MOLLUSCA

OF THE

COUNTY OF CORK.

Class I. GASTEROPODA, Cuv.

Order I. PHYTOPHAGA.

Fam. *Neritidæ.*

1. NERITINA, *Lam.*

1. N. *fluviatilis*, Lam. Gray. Man. p. 83. pl. 10. f. 124.
Nerita fluviatilis, Mont. p. 470. Drap. p. 31. pl. 1. f. 1—4.
Found in the river Awbeg near Castletown Roche.

Fam. *Paludinidæ.*

2. PALUDINA, *Lam.*

2. P. *tentaculata*, Flem. *Helix Tentaculata*, Linn. Mont. p. 389.
Bithinia tentaculata, Gray. Man. p. 93. pl. 10. f. 120.
3. P. *impura*, Lam. Turt. Man. p. 134. f. 120.
Cyclostoma impurum, Drap. p. 36. pl. 1. f. 19, 20.
Found in the Blackwater at Fermoy.

Fam. *Valvatadæ.*

3. VALVATA, *Muller.*

4. V. *piscinalis*, Lam. Gray. Man. p. 97. pl. 10. f. 114.
Cyclostoma obtusum, Drap. p. 33. pl. 1. f. 14.
Turbo fontinalis, Mont. p. 348. l. 22. f. 4.
Common, found in many slow streams and pools about Cork.

Order PNEUMONOBRANCHIATA.

Fam. *Arionidæ.*

4. Arion, *Ferus.*

5. A. *ater*, Gray. Man. p. 104.
Limax ater, Linn.
Arion empiricorum, Fer.

This species, the Common Black Snail, with its varieties A. *rufus* (*Limax rufus*, Linn.) and A. *marginatus*, are also found, and the yellow variety has been found near Youghal.

Fam. *Helicidæ.*

5. Limax, *Fer.*

6. *Limax maximus*, Linn. Man. p. 112.
L. *cinereus*, Drap.

This common Grey Slug is abundant through the county.

7. L. *flavus*, Linn. Gray. Man. p. 114.

8. L. *variegatus*, Fer. Hist. de Moll. p. 71. pl. 5. f. 1—6.

Found at Youghal by Mr. R. Ball. At Cork I have found it.

9. *Limax carinatus.*
Limax Sorverbii. Ferus.

Found at Cork, in the garden of the Royal Cork Institution.

6. Vitrina, *Mull.*

9. V. *pellucida*, Drap. p. 119. pl. 8. f. 36, 37. Gray. Man. p. 120. pl. 3. f. 21.

Found on Cove Island.

7. Testacella, *Cuv,*

11. *Testacellus haliotideus*, Fer. Gray. Man. p. 124. pl. 3. f. 19, 20
Testacella haliotidea, Drap. p 121. pl. 8. f. 44, 45.

Discovered many years ago by Mr. R. Ball, in the Town Gardens at Youghal. Found at Vosterberg, the Seat of Counsellor Reeves, this Spring, by Denis Murray the gardener. He had noticed them there for several years past. In a garden at Bandon, a Testacellus was found by Mr. G. J. Allman,

8. Helix.

12. *Helix aspersa*, Mull. Gray. Man. p. 128. pl. 4. f. 35. Drap. p. 89. pl. 5. f. 22. Mont. p. 407.

Found abundantly about Cork.

13. *Helix hortensis*, Listic. Gray. Man. p. 130. pl. 3. f. 24. Drap. p. 95. pl. 6. f. 6. Mont. p. 412.

Found near Cork, but very rarely.

14. *Helix nemoralis*, Linn. Gray. Man. p. 132. pl. 3. f. 23. Drap. p. 94. pl. 6. f. 3—5. Mont. p. 411.

Common about Cork and the neighbourhood.

15. *Helix fusca*, Mont. p. 424. t. 13. f. 1. Gray. Man. p. 147. pl. 4. f. 36.

Found at Young grove near Youghal, by Miss Ball: Dunscombe's wood, near Cork, by Rev. T. Hincks.

16. *Helix lamellata*, Jeffrys. Linn. Trans. Vol. 16. p. 333. Gray. Man. p. 150. pl. 5. f. 48.

H. *scarburgensis*, Beau. MS. Alder's Newc. Catal. p. 36. Turton Man. p. 62.

Found at Dunscombe's wood near Cork, and at Ballinhassig glen between Cork and Bandon, by Rev. T. Hincks.

17. *Helix granulata*, Alder's Mag. Zool. and Bot. vol. 2. p. 107. Gray Man. p. 151. pl. 3. f. 29.

H. *glabella*, Drap. p. 102. pl. 7. f. 6.

Abundant in the neighbourhood of Cork.

H. *hispida*, Mont. p. 423. l. 23. f. 3.

Found sparingly at Belgrove on the Great Island, east of Cove.

H. *sericea*, Muller. Gray. Man. p. 153. pl. 11. f. 134.

A variety of H. *hispida*, found in the same place.

18. *Helix hispida*, Mull. Gray. Man. p 154. pl. 4. f. 41. Turton Man. p. 57. f. 41.

Found in the neighbourhood of Cork, under stones, &c.

19. *Helix rufescens*, "Pen." Mont. p. 420. t. 23. f. 2. Gray. p. 156

H. *glabella*, Drap. p. 102. pl. 7. f. 6.

Abundant in the neighbourhood of Cork.

20. *Helix virgata*, Mont. p. 415. t. 24. f. 1. Gray, Man. p. 160 pl. 4. f. 31.

H. *variabilis*, Drap. p. 84. pl. 5. f. 11, 12.

Common about Cork.

21. *Helix caperata*, Mont. p. 430. t. 11. f. 11. Gray, Man. p. 162. pl. 4. f. 32.

H. *striata*, Drap. p. 106. pl. 6. f. 18—21.

At Glanmire near Cork, by Dr. W. H. Harvey, and near Camden Fort at the mouth of Cork Harbour by Mr. J. Humphreys.

22. *Helix ericetorum*, Mull. Mont. p. 437. t. 24. f. 2. Gray, Man. p. 163. pl. 4. f. 37.

H. *cespitum*, β. Drap. p. 109. pl. 6. f. 16, 17.

Abundant at Youghal and Ballycotton in the sandhills.

23. *Helix rotundata*, Mull. Drap. p. 114. pl. 8. f. 4—7.

Zonites rotundatus, Gray, Man. p. 165. pl. 5. f. 44.

Helix radiata, Mont. p. 432. t. 24. f. 3.

Near Cork, under stones, &c.

24. *Helix umbilicata*, Mont. p. 434. t. 13. f. 2.

Helix rupestris, Drap. p. 82. pl. 7. f. 7—9. Turt. Man. p. 60. f. 45.

Found near Cork, attached to stones, on old walls, &c.

25. *Helix alliaria*, Miller. Turt. Man. p. 56. f. 39.

Zonites alliarius, Gray, Man. p. 168. pl. 4. f. 39.

Mostly in moist places near Cork.

26. *Helix cellaria*, Mull.

Zonites cellarius, Gray, Man. p. 170. pl. 4. f. 40.

Helix nitida, Drap. p. 117. pl. 8. f. 23—25.

Common in moist situations about Cork.

27. *Helix radiatula*, Alder.

Zonites radiatulus, Gray, Man. p. 173. pl. 12. f. 137.
Found in the neighbourhood of Cork by Miss Hincks.
28. *Helix excavata*, Beau. Alder.
Zonites excavatus, Gray, Man. p. 175.
Found at Dunscombe's wood by Miss King.

5. Succinea, *Drap.*

29. S. *putris*, Flem. Jeff. Gray, Man. p. 178.
S. *amphibia*, Drap. p. 58. pl. 3. f. 22. Turt. Man. p. 91.
Helix putris, Linn. Mont. p. 376. t. 16. f. 4.
Common in the neighbourhood of Cork.
30. S. *Pfeifferi*, Rossm. Gray, Man. p. 179. pl. 6. f. 74.
S. *gracilis*, Alder Mag. Zool. and Bot. vol. 2. p. 106.
S. *amphibia*, L. Pfeiffer. p. 67. t. 3. f. 37.
Found also near Cork, but not so common as the former.

6. Bulimus, *Bruguiere.*

31. B. *acutus*, Brug. Drap. p. 77. pl. 4. f. 29, 30. Gray, Man. p. 185. pl. 6. f. 67.
B. *fasciatus*, Turt. Man. p. 84. f. 67.
Turbo fasciatus, Penn. Mont. p. 346. t. 22. f. 1.
Plentiful at Youghal, Ballycotton, &c.
32. B. *lubricus*, Brug. Drap. p. 75. pl. 4. f. 24. Turt. Man. p. 82. f. 65.
Zoa lubrica, Gray, Man. p. 188. pl. 6. f. 65.
Helix lubrica, Mull. Mont. p. 390. t. 22.
Found in woods and shady places in the neighbourhood of Cork.

7. Achatina, *Lam.*

33. *Achatina Acicula*, Lam. Gray, Man. p. 191. pl. 6. f. 71. Turt. Man. p. 89. f. 71.
Bulimus, Acicula, Drap. p. 75. pl. 4. f. 25, 26.
Buccinum terrestre, Mont. p. 248. t. 8. f. 3.
Found by Miss Ball at Castlemartyr demesne, county Cork.

8. Pupa, *Lam.*

34. *Pupa umbilicata*, Drap. p. 62. pl. 3. f. 39, 40. Gray, Man. p. 193. pl. 7. f. 78. Turt. Man. p. 97. f. 78.
Turbo muscorum, Mont. p. 335. t. 22. f. 3.
Very common through the county, in moss at the roots of trees, &c.
35. *Pupa anglica*, Alder. Gray, Man. p. 195. pl. 7. f. 82.
Vertigo Anglica, Fer. Tint. Man. p. 102. f. 82.
Found near Cork by Rev. T. Hincks, abundantly in wet moss.
36. *Pupa marginata*, Drap. p. 61. pl. 3. f. 36—38. Gray, Man. p, 196. pl. 7. f. 79. Turt. Man. p. 98. f. 79.
Found with P. *umbilicata*, but not so common.

9. Vertigo, *Muller.*

37. V. *edentula*, Alder. Gray, Man. p. 199. pl. 7. f. 80. Rossmasser p. 28. t. 49. f. 646.

Pupa edentula, Drap. p, 59. pl. 3, f. 28, 29. Turt. Man. p. 99. f. 80.
Found in the neighbourhood of Cork by Rev. T. Hincks.

10. Balæa, *Gray*.

38. *Balæa perversa*, Flem. Gray, Man. p. 207. pl. 6. f. 70.
B. *fragilis*, Gray. Turt. Man. p. 87. f. 70.
Pupa fragilis, Drap. p. 68. pl. 4. f. 2.
Found on the trees of the Mardyke Cork, and at Dunscombe's wood.

11. Clausilia, *Drap*.

39. C. *nigricans*, Jeffreys. Gray, Man. p. 217. pl. 5. f. 58.
C. *rugosa*, Drap. p. 73. pl. 4. f. 19, 20. Tint. Man. p. 74. f. 58
Turbo bidens, Mont p. 357. t. 11. f. 7.
Very common on trees and old walls in the neighbourhood of Cork

Fam. *Auriculadæ*.

12. Acme, *Hartmann*.

40. A. *fusca*, Gray, Man. p. 223. pl. 6. f. 66.
Auricula lineata, Drap. p. 57. pl. 3. f. 20, 21.
Bulimus lineatus, Turt. Man. p. 83. f. 66.
Turbo fuscus, Boys and Walker, Mont. p. 330.
Found by Rev. T. Hincks in Ballinhassig glen, county Cork.

Fam. *Limnæadæ*.

13. Limneus, *Drap*.

41. L. *auricularius*, Drap. p. 49. pl. 2. f. 28, 29, 32. Gray, Man. p. 232. p.. 2. f. 100. Turt. Man. p. 117. f. 100. Rossm. Icon I. 98. t. 2. f. 55.
Helix auricularia, Mont. p. 375. t. 16. f. 2.
Disposed to believe this shell to be the extreme form of L. *periger*
I note it here as a distinct species, though not very commonly found of a very expanded form. I have met it in the vicinity of Cork.

42. *Limneus pereger*, Drap. p. 50. pl. 2. f. 34—37. Gray, Man. p. 233. pl. 9. f. 101.
Helix peregra, Mont. p. 373. t. 16. f. 3.
Abundant in the County of Cork.

43. *Limneus palustris*, Drap. p. 52. pl. 2. f. 40—42. pl. 3. f. 1, 2. Gray, Man. p. 239. pl. 9. f. 107. Turt. Man. p. 123. f. 107. Rossm. f. 51, 52.
Helix palustris, Mont. p. 370. t. 16. f. 10.
Very general in the pools in the neighbourhood of Cork.

44. *Limneus truncatulus*, Jeffreys. Gray, Man. p. 240. pl. 9. f. 108
L. *minutus*, Drap. p. 53. pl. 3. f. 5—7.
L. *fossarius*, Turt. Man. p. 124. f. 108.
Helix fossaria, Mont. p. 372. t. 16. f. 9.
Also commonly met with in our vicinity.

45. *Limneus glaber*, Gray, Man. p. 242, pl. 9. f. 106.
L. *elongatus*, Drap. p. 53. pl. 3. f. 3, 4. Turt. Man. p. 122. f. 106
Helix octanfracta, Mont. p. 396. t. 11. f. 8.
Found once near Cork, I believe near Blarney.

13. Ancylus, *Geoffroy*.

46 A *fluviatilis*, Mull. Drap. p. 48. pl. 2. f. 23, 24. Gray, Man. p. 249. pl. 10. f. 125. Turt. Man. p. 127. f. 110.
Patella fluviatilis, Mont. p. 482.
Very common, attached to stones in small streams and in rivers.

14. Physa, *Drap*.

47. P. *fontinalis*, Drap. p. 54. pl. 3. f. 8, 9. Gray, Man. p. 251. pl. 9. f. 110. Turt. Man. p. 127. f. 110.
Bulla fontinalis, Hont. p. 226.
Occurring in several places near Cork on aquatic plants in gently flowing rivers.
48. P. *hypnorum*, Drap. p. 55. pl. 3. f. 12, 13. Tint. Man. p. 128. f. 113.
Aplexus hypnorum, Flem. Gray, Man. p. 255. pl. 9. f. 113.
Bulla hypnorum, Mont. p. 228.
Found with the last, and rather more common.

15. Planorbis, *Muller*.

49. *Planorbis albus*, Mull. Gray, Man. p. 259. pl. 8. f. 97. Turt. Man. p. 114. f. 97.
P. *hispidus*, Drap. p. 43. pl. 1. f. 45—47.
Helix alba, Montr p. 459. t. 25. f. 7.
Found, but sparingly near Cork.
50. *Planorbis carinatus*, Mull. Gray, Man. p. 262. pl. 8. f. 89. Turt. Man. f. 89. Drap. p. 46. pl. 2. f. 13, 14, 16.
Found near Cork, but not common.
51. *Planorbis umbilicatus*, Mull. Jeffreys. Linn. Trans. v. 16. p. 384.
P. *marginatus*, Drap. p. 45. pl. 2. f. 11, 12, 15. Gray. Man. p. 265. pl. 8. f. 87, 88, 90. Turt, Mon. f. 87.
Found at Ballyphehane bog, by Rev. T. Hincks.
52. *Planorbis vortex*, Mull. Gray, Man. p. 267. pl. 8. f. 91. Turt. Man. p. 109. f. 91. Drap. p. 44. pl. 2. f. 4, 5.
Helix vortex, Mont. p. 454. t. 25. f. 3.
Common about Cork.
53. *Planorbis spirorbis*, Mull. Gray, Man. 268. pl. 8. f. 98. Turt. Man. p. 115. f. 98.
P. *vortex*, β. Drap. p. 45. pl. 2. f. 6, 7.
Helix spirorbis, Mont. p. 455. t. 25. f. 2.
Common about Cork.
54. *Planorbis contortus*, Mull. Gray, Man. p. 270. pl. 8. f. 96. Turt. Man. p. 113. f. 96. Drap. p. 42. pl. 1. f. 39—41.
Helix contorta, Mont. p. 457. t. 25. f. 6.
Found about a mile west of Cork, near Mr. J. Haycroft's Nurseries.

Class II. CONCHIFERA, *Lam.*

Fam. *Cycladæ.*

1. Cyclas, *Lam.*

1. *Cyclas cornea*, Lam. Gray, Man. p. 280. pl. 1. f. 2. Turt. Man. p. 13. pl. 1. f. 2.
   C. *rivalis*, Drap. p. 129. pl. 10. f. 4, 5.
   Cardium corneum, Mont. p. 86.
Found generally about Cork, in still pools.
2. *Cyclas lacustris*, Turt. Gray, Man. p. 281. pl. 1. f. 3.
   C. *calyculata*, Drap. p. 130. pl. 10. f. 13, 14. Turt. Man. p. 14. f. 3.
   Cardium lacustre.
Found at Youghal by Mr. R. Ball: near Cork by Rev. T. Hincks

2. Pindium, *Pfeiffer.*

3. *Pisidium pusillum*, Jenyns. Monog. p. 14. pl. 20. f. 4—6. Gray Man. p. 283. pl. 1. f. 7.
At Ballyphehane bog, &c.
4. *Pisidium cinereum*, Alder. Supp. to Catal. in Newc. Trans. Gray, Man. p. 286.
At Young grove near Midleton, by Miss M. Ball.

Fam. *Unionidæ.*

2. Alasmodon, *Say.*

5. A. *margaritiferus*, Gray, Man. p. 293. pl. 2. f. 9.
   Unio margaritiferus, Turt. Man. p. 19. f. 9.
   Unio margaritifera, Drap. p. 132. pl. 10. f. 17—19. and pl. 11. f. 5.
   Mya margaritifera, Mont. p. 33.
Abounds in the Lee at Inchigeela, et passim, also found in the Blarney and Glanmire rivers.

MARINE MOLLUSCA

OF THE

COUNTY OF CORK,

Class GASTEROPODA.

Order INFEROBRANCHIATA.

1. *Lamellaria membranacea*, Mont.
   Pleurobranchus membranaceus, Flem. p. 291.
One specimen taken alive in Cork Harbour in the summer of 1843.

Order TECTIBRANCHIATA.

2. *Aplysia depilans*, Linn. Penn. Brit. vol. Flem. p. 290.
Frequently taken alive in Cork Harbour.

1. Bulla.

3. *Bulla lignaria*, Linn. Pen. Brit. Zool.
   B. *scabia*, Mull. B. *lignaria*, Mont. Fleming p. 290.
Frequently taken alive in Cork Harbour, also in Bantry, &c.
4. *Bulla ampulla*, Penn.
   B. *hydatis*, Linn. Don. Flem. p. 292.
Found in sand at Belgrove, East Ferry, Cork Harbour.
5. *Bulla cylindracea*, Penn. Mont. Don. Brit. Sh. t. 120. Flem. p. 293.
Found in sand at Belgrove, East Ferry, Cork Harbour.

2. Bullœa.

6. *Bnllœa aperta*, Linn. Mont. Don. Brit. Shells. Flem. p. 294.
Taken alive at Glandore by Mr. G. J. Allman.
7. B. *catena*, Mont.
   B. *punctata*, Adams, Linn. Trans. Flem. p. 294.
Found in the stomach of a Sole.

Order PECTINIBRANCHIATA.

Fam. *Turbinidæ.*

8. *Eulima polita*, Pult. Mont.
Phasianella polita, Flem. p. 301.
Taken at Bantry Bay.
9. E. *subulata*, Don. E. *bilineata*, Jeff.
Helix subulata, Mon.
Taken in Cork Harbour, sometimes in the stomach of B. *lignaria*
10. *Parthenia elegantissima*, Lowe.
Turbo elegantissimus, Mont.
Turritella elegantissima, Flem. p. 303.
Found in sand at Cork Harbour and Youghal Bay.
11. *Turritella terebra*, Fleming p. 302.
Turbo terebra, Linn. Mont.
Common in Cork Harbour.
12. *Littorina communis*,
Turbo littoreus, Linn. Mont. 301.
Abundant in Cork Harbour.
13. L. *cærulescens*.
Turbo petræa, Mont.
Found at Bantry Bay, and sometimes in Cork Harbour.
14. L. *rudis*.
Turbo rudis, Mont. Don.
15. L. *tenebrosa*.
T. *tenebrosa*, Mont. Turt. Conchol. Dictionary.
In Cork Harbour, not very common.
16. L. *neritoides*, Lam.
Nerita littoralis, Linn. Mont. 467.
Very common in Cork Harbour.

3. Lacuna.

17. *Lacuna pallidula*.
Neritina pallidula, Don. Mont. p. 468.
Turbo pallidus, Turt. Conch. 192.
Found in sand at Belgrove, Great Island, Cork Harbour.
18. *Lacuna vinctus*.
Turbo vinctus, Mont.
Taken in Cork Harbour.

4. Rissoa.

19. *Rissoa parva*.
Turbo parvus, Mont. T. *lacteus*, Donov.
Cork Harbour.
20. *Rissoa labiosa*.
Turbo labiosa, Mont. T. *membranaceus*, Adams.
Taken in Cork Harbour.
21. *Rissoa ulvæ*.
Turbo ulvæ, Mont. Penn.
Taken in Cork Harbour.

22. *Rissoa dispar.*
Turbo ziczag, Mat. and Rackett.
Received from Bantry Bay. (doubtful.
23. *Phasianella pulla.*
Turbo pullus, Linn. Don.
Found at Bantry and Cork.

5. Trochus.

24. *Trochus magus*, Linn. Mont.
Found at Bantry, Rosscarbery, &c.
25. T. *umbilicatus*, Mont. Cork and Bantry, &c., common.
26. T. *cinerarius*, Penn. Mont. Cork and Bantry, &c., common.
27. T. *tumidus*, Mont. Cork Harbour.
28. T. *ziziphinus*, Linn. Mont. Cork Harbour, common.

6. Monodonta.

29. *Monodonta crassa.*
Trochus crassus, Mont.
Found at Bantry.

7. Ianthina.

30. *Ianthina communis*, Lam.
Helix Ianthina, Linn.
Found at Bantry. A single specimen at Youghal by Mr. R. Ball.

8. Scalaria.

31. *Scalaria clathrus.*
Turbo clathrus. Penn. Mont.
Found in Cork Harbour.
32. *Scalaria clathratulus.*
T. *cathratulus*, Walker.
In the stomach of a Red Gurnard taken in Cork Harbour.

Fam. *Cerithiadæ.*

33. *Cerithium reticulatum.*
Murex reticulatus, Mont.
C. *lima.* Lam.
Abundant in the sand at Bantry.

Fam. *Buccinidæ.*

34. *Nassa reticulata.*
Buccinum reticulatum, Linn. Mont.
Found in Cork Harbour, Bantry Bay, &c.
35. N. *macula.*
Buccinum macula, Mont.
Found at Cork Harbour, Bantry Bay, &c.
36. N. *ambigua.*
B. *ambiguum*, Mont.
Found in Cork Harbour and at the East Ferry, rare.
37. *Purpura lapillus*
B. *lapillus*, Linn. Mont.
Plentiful on the coast of the county.
38. *Buccinum undatum*, Linn. Mont. Common in Cork Harbour

39. *Buccinum Humphreysianum*, Bennet. Taken outside Cork Harbour in 40 fathom water.

40. *Buccinum fusiforme*, Brod. Zool. Journ. 5. p. 44. t. 3. f. 3. Found in the same locality with the last, also in the intestines of Haddock and Red Gurnards.

41. *Buccinum ovum*, Turt. Found in the intestines of a Red Gurnard taken in Cork Harbour.

42. *Fusus antiquus.*
Murex antiquus, Linn. Mont.
Found at Bantry Bay. &c.

43. *Fusus corneus.*
Murex corneus, Linn.
Bucc. angustior, Lister.
Taken in Cork Harbour, and Bantry Bay, &c.

44. *Fusus muricatus.*
Murex muricatus, Mont.
Taken in Cork Harbour, rare.

45. *Pleurotoma turricula,*
Murex turricula, Mont.
Taken in Cork Harbour.

46. *Pleurotoma costata.*
Murex costatus, Mont. Penn.
Found in Cork Harbour, Bantry Bay, &c.

47. *Pleurotoma septangularis.*
Murex septangularis, Mont.
From Bantry Bay.

48. *Pleurotoma purpurea.*
Murex purpureus, Mont.
Found at the Great Island, below Cove, under stones at low water.

49. *Triton erinaceus.*
Murex erinaceus, Mont. Penn.
Found at Cork, Ballycotton, &c.

50. *Aporrhais pes pelicani.*
Strombus pes pelicani, Linn.
Found at Cork, Bantry, &c.

Fam. *Involutæ.*

51. *Cypræa europæa.*
Cypræa arctica, Linn.
Taken alive at Belgrove, east of the Great Island.

52. *Erato lævis.*
Voluta lævis, Don.
Marginella voluta, Mont.
Taken in Cork Harbour, rare.

53. *Tornatella fasciata.*
Voluta tornatilis.
Taken at Cork, Youghal, Bantry, &c,

Fam. *Sigaritidæ.*

54. *Sigaretus perspicuus*
Bulla haliotidea, Mont.
Taken alive under Belgrove, East Ferry, Cork Harbour.

55. *Velutina lævigata.*
Helix lævigata, Linn.
Found in sand at Belgrove, East Ferry.

Fam. *Naticidæ.*

56. *Natica monolifera.*
N. *glaucina*, Mont. Don.
Found at Cork Harbour.
57. *Natica Alderi*, Forbes.
N. *canrena*, Mont.
Found at Bantry Bay.

Order SCUTIBRANCHIATA.

58. *Capulus Ungaricus.*
Patella Hungarica, Linn. Mont.
Attached to *Pinnæ*, *Pecteus*, *&c.* in Cork and Kinsale Harbours.
59. *Fissurella græca.*
P. *græca*, Linn. Mont.
At the East Ferry, Cork Harbour.
60. *Emarginula fissura.*
P. *fissura*, Linn. Mont.
Attached to *Pinnæ* taken in Cork Harbour.
61. *Lottia virginea*, Mull.
P. *parva*, Mont. Linn.
At low water attached to stones at Cork Harbour, rare.

Order CIRRHOBRANCHIATA.

62. *Dentalium entalis*, Linn.
D. *labiatum*, Brown.
From Bantry Bay.

Order CYCLOBRANCHIATA.

9. Patella.

63. *Patella vulgata*, Linn. Penn. Mont. Test. Br. p. 475.
Common on the coast of the county Cork, on rocks and stones near low water mark.
64. *Patella pellucida.*
P. *minor*, Wall. Ork. 41.
P. *pellucida*, Flem. p. 287.
Found on the broad leaves of *Fuci*.
65. *Patella lævis*, Lut.
P. *cærulea*, Mont. Tut. Br. Supp 152.
Bantry Bay and Cork Harbour, on the stalks of *Fuci*.

10. Chiton.

66. *Chiton fascicularis*, Mull. Mont. t. 27. f. 5. Flem. 288.
On stones at low water mark, at Cork Harbour, rare.
67. *Chiton marginatus*, Mont. Flem. 289. Common on stones at low water mark in Cork Harbour.

Class ACEPHALA.

Order BRACHIOPODA.

68. *Crania personata*, Sowerby.
Criopus anomalus, Flem.
Found on *Pinnæ*, and stones taken outside the harbours of Cork Kinsale and Youghal.

Order LAMELLIBRANCHIATA.

Div. MONOMYARIA.

Fam. *Ostreadæ*.

11. Anomia.

69. *Anomia electrica*, Linn. } One species.
,, *ephippium*, Linn. }
Found attached to *Ostræa* and *Pectens*, *&c.* in Cork Harbour and Bantry Bay.
70. A. *squamula*, Linn. Mont. p. 156. Frequent on Oysters, Lobsters, and other marine bodies.
71. A. *undulata*, Gm. Mont. p. 157. Adhering to *Pinnæ* taken in Cork Harbour.
72. A. *aculeata*, Gm. Mont. p. 157. Adhering to *Pinnæ* taken in Cork Harbour.
73. *Ostrea edulis*, Linn. O. *parasitica*, (young) Turt. Abundant in Cork Harbour.

Fam. *Pectenidæ*.

74. *Pecten maximus*.
Ostrea maxima, Linn.
P. *maximus*, Mont. p. 143.
Found at Cork and Bantry.
75. P. *opercularis*, var. P. *lineatus*.
O. *opercularis*, Linn.
Cork and Bantry.
76. P. *sinuosus*, Turt. Cork Harbour, East Ferry.
77. P. *glaber*, Penn. Mont. p. 150. Cork Harbour, rare.
78. P. *lævis*, Penn. Mont.
P. *tumidus*, Turton.
Cork Harbour, often in the intestines of Haddock and Gurnard.
79. P. *obsoletus*, Penn. Don. Cork Harbour, rare.

80. P. *varius*, Mont. p. 146.
O. *varia*, Linn. Don.
Cork and Bantry.
81. *Lima fragilis*, Mont. Found in Haddock and Gurnards, Cork

Div. DIMYARIA.

Fam. *Arcadæ*.

82. *Arca Noæ*, Linn. One specimen taken in Cork Harbour.
83. *Arca fusca*, Mont.
A. *tetragona* of Anthors.
Found by Dr. Armstrong at Bantry.
84. *Pectunculus pilosus*, Linn.
P. *decussatus*, Turton.
One specimen found in Cork Harbour.
85. *Nucula margaritacea*.
Arca nucleus, Linn.
Cork and Bantry.

Fam. *Mytilidæ*.

86. *Mytilus edulis*, Linn.
M. *incurvatus*, Turt. Linn.
Very common in Cork Harbour.
87. *Modiola vulgaris*.
Mytilus modiola, Penn. Mont. 163.
Modiola papuana, Lam.
Common in Cork Harbour.
88. *Modiola discrepans*.
Mytilus discrepans, Mont.
Cork Harbour, East Ferry.
89. *Modiola marmoratus*, Forbes.
Mytilus discors, Mont.
Cork Harbour, East Ferry.
90. *Pinna fragilis*, Turt. Brit. Biv. Taken outside Cork and Kinsale Harbours.
91. *Pinna pectinata*, Turt. Brit. Biv. Taken in Cork Harbour.
92. *Pinna papyracea*, Turt. Brit. Biv. Taken in Cork Harbour.
93. *Pinna ingens*, Turt. Brit. Biv. Taken in Cork Harbour.

Fam. *Camacadæ*.

94. *Isocardia cor*, Sowerby Rec. and Fos. shells.
Chama cor, Linn. Mont.
A single valve taken in Cork Harbour—living shells at Berehaven

Fam. *Conchaccæ*.

95. *Cardium echinatum*, Linn. Mont. Cork and Bantry.
96. *Cardium exiguum*, Mont. Cork Harbour. not rare.
97. *Cardium edule*, Linn.
" var. *fasciatum*, Mont.
Cork Harbour.

98. *Cardium lævigatum*, Linn. Mont. Cork and Bantry.
99. *Donax trunculus*, Linn.
D. *rubra*, (young) Turt. Brit. Biv.
Bantry, Youghal, &c.
100, *Donax complanata*, Mont.
Capsa complanata, Sowerby's Rec. and Foss. shells.
Bantry Bay, rare.
101. *Tellina fabula*, Don. Mont. Cork Harbour and Bantry Bay
102. *Tellina donacina*, Linn. Bantry Bay.
103. *Tellina squalida*, Mont.
T. *depressa*, Don.
Cork and Bantry.
104. *Tellina tenuis*, Linn. Mont. Cork and Bantry.
105. *Tellina crassa*, Penn. Mont.
T. *maculata*. Turt.
Bantry, and the western bays of the County of Cork.
106. *Tellina solidula*, Mont. Very common in Cork Harbour.
107. *Tellina bimaculata*, Linn. Found by Mr. R. Ball in the County of Cork.
108. *Lucina radula*, Turt.
Tellina radula, Mont.
Cork and Bantry.
109. *Lucina rotundata*, Turt.
T. *rotundata*, Mont.
Found at Bantry.
110. *Lucina flexuosa*, Turt.
T. *flexuosa*, Mont.
Odd valves found in sand below Cove.
111. *Amphiderma prismaticum*, Laskey.
Ligula prismaticum, Mont.
Cork Harbour.
112. *Amphidesma Boysii*, Turt.
Mactra Boysii, Mont.
Cork Harbour.
113. *Cyprina Islandica*.
Venus Islandica, Linn.
Cork Harbour.
114. *Cyprina minima*.
Venus minima, Mont.
Bantry Bay.
115. *Mactra solida*, Linn. Mont. p. 92. Cork, Bantry, &c.
116. *Mactra crassa*, Turton Brit. Biv. Ringabella bay, rare.
117. *Mactra truncata*, Mont. Cork and Bantry.
118. *Mactra subtruncata*, Mont. Cork Harbour, rare.
119. *Mactra stultorum*, Mont. Linn. Cork Harbour, common.
120. *Lepton squamosum*, Turt.
Solen squamosum, Mont.
A single valve found in Cork Harbour by Mr. E. Forbes, in 1843.
121. *Kellia suborbicularis*, Turt.
Mya suborbicularis, Mont.
Found burrowed in stone below Cove.

122. *Astarte Danmoniæ.*
Venus Danmoniæ, Mont.
One specimen found in the intestines of a Red Gurnard, Cork.
123. *Astarte scotica*
Venus scotica, Mont.
One specimen found in the intestines of a Haddock, Cork.
124. *Artemis exoleta.*
Venus exoleta, Linn. Mont.
Bantry Bay and the south west coast of the County.
125. *Artemis lincta.*
Venus lincta, Pult.
Cork Harbour, and Bantry Bay, &c. common.
126. *Artemis undata.*
Venus undata, Penn. Mont.
Cork and Bantry.
127. *Cytherea ovata.*
Venus ovata, Penn. Mont.
Cork Harbour and Bantry Bay,
128. *Venus verrucosa,* Linn.
V. *cancellata,* Turt. (young)
Bantry Bay.
129. *Venus cassina,* Linn.
V. *reflexa,* Lark. Mont.
Cork and Bantry, &c.
130. *Venus fasciata,* Mont.
var. V. *dysera,* Bryce.
Cork and Bantry.
131. *Venus gallina,* Linn. Mont. Cork, Bantry, &c. common.
132. *Pullastra aurea.*
Venus aurea, Mont. Turt.
Venus ænea, Turt. E. Forbes.
Bantry Bay.
133. *Pullastra perforans.*
Venus perforans, Mont.
Cork Harbour.
134. *Pullastra vulgaris,* Sowerby.
Venus pullastra, Wood. Mont.
Cork and Bantry, &c. common.
135. *Pullastra decussata.*
V. *decussata,* Linn.
Cork and Bantry, &c.
136. *Pullastra virginea.*
V. *virginea,* Linn. Mont.
var. V. *Sarniensis,* Turton.
Bantry Bay, common. Cork Harbour.
137. *Venerupis irus.*
Donax irus, Linn.
Found at Youghal, burrowed in stone.
138. *Petricola ochroleuca,* Lam.
Psammobia fragilis, Turt.
Bantry Bay.

Fam. *Pyloridæ.*

Corbula striata.
Mya inæquivalvis, Mont.
Cork Harbour, not common.
139. *Thracia convexa.*
Anatina convexa, Turt. Brit. Biv.
Cork Harbour, rare.
140. *Thracia pubescens.*
A. *pubescens*, Turt. Brit. Biv.
Cork Harbour.
141. *Thracia declivis.*
A. *declivis*, Turt. Brit. Biv.
Cork Harbour.
142. *Thracia distorta.*
Anatina distorta, Turt. Brit. Biv.
Found in Cork Harbour and Bantry Bay, rare.
143. *Anatina prætenue.*
Anatina prætennis, Mont.
Found in sand below Cove, rare.
144. *Mya truncata*, Linn.
Sphenia Swainsoni, Turt. (young) E. Forbes.
Cork Harbour, common.
145. *Mya arenaria*, Linn. Cork Harbour—mud banks, common
146. *Lyonsia Norvegica.*
Mya Norvegica, Turt. Linn.
A single valve found in the intestines of a Red Gurnard, Cork.
147. *Lutraria vulgaris.*
Mactra lutraria, Linn.
Found at Bantry and Cork.
148. *Lutraria hians.*
Mactra hians, Pult. Don.
Bantry Bay.
149. *Lutraria compressa.*
Listera compressa, Turt. Brit. Biv.
Mactra listeri, Mont.
Mud banks, Cork Harbour, common.
150. *Psammobia tellinella*, Lam.
P. *florida*, Turt. Brit. Biv.
Bantry Bay.
151. *Psammobia costulata*, Turt. syn. With the last.
152. *Psammobia ferroensis*, Turt.
Tellina ferroensis, Mont.
Found at Bantry Bay and Cork Harbour.
153. *Psammobia vespertina*, Turt.
P. *florida*, Lam.
Bantry Bay. One specimen found in Cork Harbour.
154. *Solen vagina.* Linn.
Found in Cork Harbour, Bantry Bay, &c.
155. *Solen siliqua*, Linn.
syn.? S. *novacula*, Mont.
Bantry and Cork.

156. *Solen ensis*, Linn. Bantry Bay.
157. *Solen pellucidus*, Penn. Don. Cork Harbour, rare.
158. *Solen legumen*, Linn. Bantry Bay.
159. *Solen strigillatus*.
Psammobia strigillatus, Turt.
Bantry Bay, rare.
160. *Saxicava rugosa*.
Mytilus rugosus, Linn.
syn. *Hiatella arctica*, Flem.
Cork Harbour, burrowed in stones and old oyster shells.

Fam. *Tubicolæ*.

161. *Gastrochæna pholadia*.
Mya pholadia, Mont.
Mya dubia, Penn.
Youghal, embedded in stone, and on Spike Island.
162. *Pholas crispata*. Linn. Ballycotton and Youghal in hard clay
163. *Teredo navalis*, Linn. Cove of Cork.

11. Cirrhipeda.

Cirr. Pedunculata.
164. *Anatifa lævis*. Lam.
Lepas anatifera, Linn.
Cork Harbour. on floating timber, &c.
165. *Anatifa striata*, Lam.
Lepas anserifera, Linn.
Cork Harbour, on floating timber.
166. *Anatifa vitrea*, Lam.
L. *fascicularis*, Mont.
Cork Harbour, on sea weed, rare.
Cirrhipida sesilia.
167. *Balanus costatus*. Mont.
B. *angulosus*, Lam.
Found on *Pinnæ* taken outside Cork Harbour.
168. *Balanus communis*, Mont.
Lepas balanus, Linn.
B. *sulcatus*, Brug. Lam.
Common on the coast of the County of Cork, on rocks, &c.
169. *Balanus tintinnabulum*, Linn. On the bottoms of Ships in Cork Harbour.
170. *Balanus punctatus*. Found at Youghal by Mr. R. Ball.
171. *Creusia verruca*, Leach. Lam.
Lepas striata, Penn.
On *Pinnæ* taken in and outside Cork Harbour.

Class ANNELIDA.

Order POLYPODA.

Tribe *Serpulina.*

1. *Sabella chrysodon.* Glenmore strand, east of Cove.
2. *Sabella alveolata.* Cork and Youghal Harbour.
3. *Sabella tubularia.*
   Serpula tubularia, Mont.

Found on *Pinnæ, &c.* in Cork Harbour.

4. *Spirorbis communis,* Flem.
   Serpula spirorbis, Linn,

On sea weed in Cork Harbour.

5. *Spirorbis spirillum,* Linn.

Attached to crabs, lobsters, &c. in Cork Harbour.

6. *Serpula vermicularis,* Linn.
   S. *intricata.*

Common on shells and stones in Cork Harbour.

7. *Serpula triquetra.* Linn. On *Pinnæ* taken outside Cork and Kinsale Harbours.
8. *Serpula tricuspidata,* Sowerby.
   S. *serrulata,* Flem.

On *Pinnæ* taken in and outside Cork Harbour, and outside Kinsale

9. *Serpula vitræa.* Found at Youghal by Mr. R. Ball.

Class CRUSTACEA.

Leg. *Podophthalmata.*

Order DECAPODA.

1. Brachyura.

1. *Macropodia phalangium*, Leach. Abundant in Cove, in deep water.
2. *Achæus Cranchii*, Leach. By Dr. J. V. Thompson in Cove.
3. *Inachus dorsettensis*, Leach. By Dr. J. V. Thompson in Cove.
4. *Hyas aranea*, Leach. By Dr. J. V. Thompson in Cove, and by Mr. R. Ball at Youghal.
5. *Hyas coarctata*, Leach. By Dr. J. V. Thompson.
6. *Maia squinado*, Leach. Ditto.
7. *Eurynome aspera*, Leach. Ditto.
8. *Xantho floridus*, Leach, Ditto.
9. *Cancer pagurus*, Leach. Ditto.
10. *Pilumnus hirtellus*. Leach. Ditto.
11. *Carcinus mænas*, Leach. Ditto.
12. *Portunus puber*, Leach. *Cancer velutinus*, *Velvet Crab.*
    depurator.
    lividus.
    pusillus.
    arcuatus.

Found at Cork Harbour and Youghal.

13. *Pinnotheres pisum*, P. *varians*, Leach. In the *Modiolus vulgari*
14. *Pinnotheres pinnæ*. P. *veterum*, Leach. In the *Pinna ingens*.
15. *Gonoplax angulata*, Edwds. G. *bispinosa*, Leach.
16. *Ebalia Pennantii*, Leach.
17. *Atelecyclus heterodon*, Leach.
18. *Corystes cassivelaunus*, Leach.

2. Anomoura.

19. *Pagurus Bernhardus*, Edwds. P. *streblonyx*, Leach.
20. *Pagurus erinaceus*. By Dr. J. V. Thompson.
21. *Porcellana longicornis*, Edwds. By Mr. R. Ball, Youghal.

3. Macroura.

22. *Galathia strigosa*, Edwds. G. *spinigera*, Leach. Found by Dr. J. V. Thompson, Cove.
    rugosa, Leach. By Dr. J. V. Thompson, Cove.
    squamifera. By Dr. J. V. Thompson, Cove.

23. *Palinurus vulgaris*, Leach. At Cove.
24. *Astacus fluviatilis*, Edwds. County of Cork.
25. *Homarus vulgaris*, Edwds. Cove.
26. *Crangon vulgaris*, Leach. Cove.
27. *Pontophilus spinosus*, Leach. Cove, rare.
28. *Processa canaliculata*, Leach. Cove, rare.
29. *Hippolyte varians*, Leach. Cove, rare.
30. *Hippolyte Cranohii*, Leach. Cove, rare.
31. *Pandalus annulicornis*, Leach. Cove, rare.
32. *Palæmon serratus*, Leach. Cove, rare.
33. *Palæmon Leachii*, J. V. Thompson. Cove, rare.

Order STOMAPODA.

34. *Mysis spinulosus*, Leach. M. *Leachii*. Thomp. Zool. Res.
chamæleon. Thomp. Zool. Res.
vulgaris. Thomp. Zool. Res.
Found at Cove.
35. *Scorpionura vulgaris* Thomp. Zool. Res.
longicornis. Thomp. Zool. Res.
maxima. Thomp. Zool. Res.
Found at Cove.

Leg. *Edriophthalmata.*

Order AMPHIPODA.

36. *Orchestia littorea*, Leach. County of Cork.
37. *Gammarus lecusta*, Fab. County of Cork.
38. *Gammarus fluviatilis*, Edw. County of Cork.
39. *Corophium longicorne*, Latr. County of Cork.
40. *Hyperia* County of Cork.

Order LÆMODIPODA.

41. *Caprella phasma*. Latr. *Cancer phasma*, Mont. County Cork

Order ISOPODA.

42. *Idotea pelagica*, Leach. I. *tricuspidata*, Desmarest. In the
43. *Idotea tricuspidata*, Edwds. I. *entomon*, Leach. County Cork
44. *Idotea linearis*, Edwds. *Steuomosa lin.* Leach. County Cork.
45. *Lemnoria terebrans*, Leach. County Cork.
46. *Oniscus aselkus*, Linn.
47. *Philoscia muscorum*, Latr.
48. *Armadillidium vulgaris*, Edw. *Armadillo vulgaris*, Latr. In the County of Cork.
49. *Anceus maxillaris*, Lam. A. *rapax*, Edw. County Cork.
50. *Sphæroma Hookeri*, Leach. County Cork.
51. *Bopyrus galatea*, Thompson, J. V. M.S.S. County Cork.
52. *Lygia oceanica*, Fabr. County Cork.

Leg. *Entomostraca.*

Order SIPHONOSTOMATA.

53. *Caligus salaris*, J. V. Thomp. Cat. County Cork.
    scombri, J. V. Thomp. Cat. County Cork.
54. *Cecrops Latreillii*, Leach. County Cork.
55. *Dichelestion sturionis*, "Hermann." Edw. County Cork.

Order LERNEADA.

56. *Entomoda canicula*, J. V. Thomp. Cat. County Cork.
57. *Entomoda puella*, J. V. Thomp. Cat. County Cork.
58. *Lerneonema monillaris*, Edw. County Cork.
59. *Lernea branchialis*, Linn. County Cork.

Class ECHINODERMATA.

Order PINNIGRADA. CRINOIDEÆ.

1. *Comatula rosacea*, Link. *Rosy Feather Star.* Cork Harbour.

Order SPINIGRADA. OPHIURIDÆ.

2. *Ophiura texturata*, Lam. *Common Sand Star.* Cork Harbour.
3. *Ophiocoma bellis*, Link. *Daisy Brittle Star.* Cork Harbour.
4. *Ophiocoma rosula*, Link. *Common Brittle Star.* Cork Harbour.
5. *Ophiocoma minuta*, Forbes. *Sand Brittle Star.* Found at Courtmasherry Bay.

Order CIRRHIGRADA. ASTERIADÆ.

6. *Uraster glacialis*, Linn. *Spiny Cross Fish.* South west coast of the County of Cork.
7. *Uraster rubens*, Linn. *Common Cross Fish.* Cork Harbour.
8. *Uraster violacea*, Mull. *Violet Cross Fish.* Youghal.
9. *Cribella oculata*, Penn. *Eyed Cribella.* Youghal.
10. *Cribella rosea*, Mull. *Rosy Cribella.* Youghal.
11. *Solaster endeca*, Linn. *Purple Sun Star.* Youghal.
12. o*Solaster papposa*, Linn. *Common Sun Star.* Youghal and Cork
13. *Palmipes membranaceus*, Retz. *Bird's-foot Sea Star.* Youghal.
14. *Asterina gibbosa*, Penn. *Gibbon's Starlet.* Cork.
15. *Goniaster Templetoni*, Thomp. *Templeton's Cushion Star.* Found on the Nymph Bank.
16. *Asterias aurantiaca*, Linn. *Butthorn.* Youghal.
17. *Luidia fragillissima*, Forbes. *Lingthorn.* Youghal.

Order CIRRHI. SPINIGRADA. ECHINIDÆ.

18. *Echinus sphæra*, Mull. *Common Egg Urchin.* Cork.
19. *Echinus miliaris*, Leske. var. E. *pustulatus*, Agass. *Purple-tipped Egg Urchin.* Cork.
20. *Echinus Flemingii*, Ball. *Fleming's Egg Urchin.* Youghal.
21. *Echinus lividus*, Lam. *Purple Egg Urchin.* At Bantry and in the County of Clare.
22. *Echinocyamus pusillus*, Mull. *Green Pea Urchin.* Cork.
23. *Spatangus purpureus*, Mull. *Purple Heart Urchin.* Cork.
24. *Amphidotus cordatus*, Penn. *Common Heart Urchin.* Cork.
25. *Amphidotus roseus*, Forbes. *Rosy Heart Urchin.* Youghal.

Order CIRRHI. VERMIGRADA. HOLOTHURIADÆ.

26. *Cucumaria communis*, Forbes & Goodsir. *Common Sea Cucumber.* Found at Youghal.

THE

BOTANIST'S GUIDE

FOR

THE COUNTY OF CORK,

BEING

A SYSTEMATIC CATALOGUE

OF THE

NATIVE PLANTS OF THE COUNTY, AND MORE ESPECIALLY
OF THE VICINITY OF CORK, TOGETHER
WITH THEIR STATIONS,

COMPILED AND ARRANGED ACCORDING TO

THE NATURAL SYSTEM OF BOTANY,

BY

THOMAS POWER, M.D.,

LECTURER ON BOTANY IN THE CORK SCHOOL OF MEDICINE.

BIBLIOTHECA BODLEIANA

PREFACE.

Dr. C. Smith in his History of Cork in 1750, Dr. W. Wade in his Plantæ Rariores Hiberniæ 1804, and Mr. J. T. Mackay in 1806, noticed a few of the rarer native plants of the County of Cork; but there was no attempt at a systematic catalogue of our Flora till 1819—20, when Mr. James Drummond curator of the then existing Cork Botanic Garden, and now Colonial Botanist at Swan River, published a list of our Flowering Plants in the Munster Farmers Magazine.—Vols. vi & vii.

Doctor Scott of Cove gave a comprehensive catalogue of the native plants of the Great Island in 1833: and our townsman, Mr. H. T. Alexander, now Surgeon in the Royal Navy, presented to the Cuvierian Society of this City, a list embracing the entire Flora of the County, (the Fungi excepted,) for which an honorary prize was awarded by the Society,

These catalogues, a collection of manuscript botanical notes by the Rev. Dr. Hincks, which he has kindly permitted me the use of, and the records of the Cuvierian Society, together with my own extensive practical

observations, have constituted the chief materials for these pages. I am also much indebted to many of my botanical friends and acquaintances for several lengthened and highly valuable communications, but it would occupy too much space to particularize, in this place, each individual who has given assistance, and it is fortunately the less necessary, as I have invariably under *particular species* duly acknowledged the claims of each contributor.

Mr. Denis Murray gardener to William M. Reeves of Vosterburgh, Esq., a most intelligent and indefatigable practical botanist, has with few exceptions contributed the entire list of Fungi as well as many other important additions to our Flora at various times, for which he has received honorary prizes from the Cuvierian Society.

In putting together these materials, I have adopted the most approved natural arrangement; and the nomenclature used by Mr. C. C. Babington in his excellent Manual of British Botany, which generally corresponds with that of the London and Edinburgh Botanical Societies. For the more *common species* I have omitted authorities, and always given the nearest station to the City in which they may be found; thus making this little work, more especially a Flora of the *vicinity* of Cork; for the *rarer species* I have given the stations with precision, and the names of the first and subsequent discoverers in chronological order.

The following comparative table of the number of species contained in Mackay's Flora Hibernica, the lists of Messrs. Drummond and Alexander, and the present

catalogue, will serve to convey an idea of the extent of our local Flora, as well as of the additions which are now made to it.

Mackay, Ireland,	1836.	Phænog.	994	Cryptog.	992.	Total	1986.
Drummond Co. Cork	1820	do.	712	do...	„	Total	712.
Alexander do.	1838	do.	705	do...	487.	Total	1192.
Power do.	1844	do.	885	do...	935.	Total	1820.

Since these pages went to press I have observed the *Hypericum maculatum* (Crartz) to be our commonest species and hitherto apparently confounded with H. *dubium*, which is comparatively rare. *Conferva fontinalis* has been found in a pool at Willowbrook, Cork, by Miss Ball; and Mr. D. Murray has discovered around the City the following Cryptogamic plants;—*Ozonium auricoma, Agaricus granulosus, A. cerussatus, A. cochleatus, Pollyporus perennis, P. frondosus, Boletus luteus B. luridus, Fistulina hepatica, Hydnum zonatum,* (Fr. Epie.) *cyathiforme,* (Syst. Mycolog,) new to Britain, and *Clavaria abietina.*

With a view to the extension of our Flora, in a future edition specimens of *New* or *Rare* species with the stations, correctly marked, will be gratefully received and duly acknowledged.

T. P.

19, *Patrick's Hill, Cork.*

EXPLANATION OF MARKS.

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* Means, certainly originally introduced.

† Means, apparently native, possibly introduced

? Means, to question its ever having been found in the County.

THE

BOTANIST'S GUIDE

FOR THE

COUNTY OF CORK.

FIRST DIVISION

PHÆNOGAMIC OR VASCULAR PLANTS.

THE BOTANIST'S GUIDE

FOR

THE COUNTY OF CORK.

Class I. DICOTYLEDONES or EXOGENÆ.

Subclass I. THALAMIFLORÆ.

Order I. RANUNCULACEÆ.

Tribe I. *Clematideæ.*

1. CLEMATIS, *Linn.* VIRGINSBOWER.

1.* C. *vitalba*, L. *Common Virginsbower. Travellersjoy.* On trees and hedges about Castlemartyr. A doubtful native.—*very rare.*

Tribe II. *Anemoneæ*

2. THALICTRUM, *Linn.* RUEWEED.

2. T. *flavum*, L. *Common Rueweed.* "*Thalictrum seu Thalietrum majus*, Ger. It grows near Mallow on the banks of the Blackwater: the roots are sometimes used as cathartic:" *Dr. C. Smith.* This is most probably the plant meant, though not that of Gerard, and is enumerated by Smith amongst the more common plants of the County, but has not however been since observed, being probably destroyed by improved agriculture.—*very rare.*

3. Anemone, *Linn.* Anemone.

3. A. *nemorosa*, L, *Wood Anemone.* Blackpool Common; by Bishopsbrook; Vernonmount; and in groves.—*common.*

A variety with deep red flowers, by the Lee under Mountdesart: *Dr. Harvey.* In a wood near Donnybrook and at Ballinhassig glen: *Mr. Alexander.* The whole plant is much larger, especially the flower, and presents a very striking contrast with the other, when in blossom.—*very rare.*

Tribe III. *Ranunculeæ.*

4. Ranunculus, *Linn.* Crowfoot, Spearwort.

4. R. *aquatilis*, L. *Water Crowfoot.* In streams.—*common.*

" " α. *heterophyllus*, Wallr. By the Mardyke and in slow running streams throughout the county.—*very common.*

" " β. *pantothrix*, Bab. Dodgesglen pond and in slow streams in the Blarney bogs.—*rather rare.*

5. R. *circinatus*, Sibth. *Tufted Crowfoot.* In the Lough of Cork and other pools and ditches: *Dr. Power.*—*rather rare.*

6. R. *hederaceus*, L. *Ivy Crowfoot.* Two varieties both general.

" " α. *vulgaris*, Bab. By the Lough, and near springs in several parts of the county.—*rather common.*

" " β. *grandiflorus*, Bab. Dodgesglen and by pools. The more usual variety in our district.—*very common.*

7. R. *flammula*, L. *Lesser Spearwort.* Ballyphehane and other bogs throughout the county.—*very common.*

8. R. *lingua*, L. *Great Spearwort.* Blarney river, near the castle: *Mr. J. Drummond.* Inchidony island, Clonakilty bay: *Mr. W. C. Nash.* It is still in the former station, the latter I have not visited.—*very rare.*

9. R. *ficaria*, L. *Pilewort Crowfoot.* By the Mardyke, and on old hedgebanks.—*very common.*

10. *auricomus*, L. *Wood Crowfoot.* At Leemount, and by the Lee: *Mr. J. Drummond.* In a Wood and grove at Blarney: *Mr. D. Murray, Dr. Power.*—*rather rare.*

11. R. *acris*, L. *Upright Crowfoot.* In the Palace and other marshes.—*very common.*

12. R. *repens*, L. *Creeping Crowfoot.* By the Mardyke, and in moist pastures in all parts of the county.—*very common.*

13. R. *bulbosus*, L. *Bulbous Crowfoot.* Glasheen and damps fields.—*very common.*

14. R. *sceleratus*, L. *Celery Crowfoot.* In the Monarea, Douglas and most other salt marshes.—*rather common.*

15. R. *parviflorus*, L. *Small-flowered Crowfoot.* Near Carrigrohane castle: *Mr. J. Drummond.* Near the town of Cove: *Dr. Scott.* By the Glanmire road: *Rev. W. Hincks.* At Ballyvodock near Midleton, and Ballywilliam near Poorhead, in tolerable plenty: *Dr. Power.* I have met it in the two last stations only, though I searched carefully for it in the others on several occasions. Dr. Scott informs me that his station has been tilled, and it has not since appeared there.—*rather rare.*

Tribe IV. *Helleboreæ.*

5. Caltha, *Linn.* Marshmarigold.

16. C. *palustris*, L. *Common Marshmarigold.* By the Mardyke and in bogs near Cork.—*common.* In other districts, *rare.*

6. Helleborus, *Linn.* Hellebore.

17.† H. *viridis*, L. *Green Hellebore.* In a meadow near Doneraile: *Dr. C. Smith.* By the river of Dungourney, near Midleton, a short way below the village opposite the Church, and at Ballydonna about a mile higher up the same stream: *Dr. Power.* Perhaps these latter are the only stations in Ireland where this rare plant still exists in an apparently perfectly natural and wild state.—*extremely rare.*

7. Aquilegia, *Linn.* Columbine.

18.† A. *vulgaris*, L. *Common Columbine.* In a furze-brake at the upper end of Dunscombe's Wood, near Cork: *Mr. J. Drummond.* By the Lee, near Ardrum: *Mr. Alexander.* On a limestone rock, at the south side of the Little Island: *Dr. Power.* It still exists in the first and last stations.—*very rare.*

Order II. BERBERACEÆ.

8. Berberis, *Linn.* Barberry.

19.* B. *vulgaris*, L. *Common Barberry.* In hedges at Ballyarthur near Fermoy: *Mr. J. Drummond.* About Ardrum: *Dr. Power.*—*very rare.*

Order III. NYMPHÆACEÆ.

9. Nymphæa, *Linn.* Waterlily.

20. N. *alba*, L. *White Waterlily.* In the rivers Lee and Blackwater: *Dr. C. Smith.* In bogs throughout the County: *Mr. J. Drummond.* Ballyphehane and Summerstown Bogs and in Blarney Lake.—*very general.*

10. Nuphar, *Smith.* Waterlily.

N. *lutea*, Sm. *Yellow Waterlily.* In the rivers Lee and Blackwater: *Dr. C. Smith.* In the Bishop's brook near its junction with the Lee, and adjacent ponds: *Mr. Alexander.* In many lakes and bog holes in Carbery: *Mr. R. W. Townsend.*—*rather rare.*

Order IV. PAPAVERACEÆ.

11. Papaver, *Linn.* Poppy.

22. P. *argemone*, L. *Argemone Poppy.* In fields near Glasheen: *Mr. J. Drummond.* In corn fields near Cove and Carrigrohane: *Mr. Alexander.* Little Island, Carrigaline, and Shanbally near Monkstown: *Dr. Power.* In sandy or limestone soil only.—*rather rare.*

23. P. *hybridum*, L. *Hybrid Poppy*. In limestone gravelly corn fields at the south side of the Little Island, very sparingly, 1841: *Dr. Power.—very rare.*

24. P. *rhœas*, L. *Round-headed Poppy*. About Evergreen, Douglas and Blackrock, in limestone or light soils.—*common.*

25. P. *dubium*, L. *Long-headed Poppy*. About Evergreen, Glasheen, and Ballinlough, in sandy soils.—*very common.*

26.* P. *somniferum*, L. *White Poppy*. Near Carrigrohane Castle: *Mr. J. Drummond.* Great Island: *Dr. Scott.* In cultivated fields by the Lee: *Mr. Alexander.* Most probably not native here.—*very rare.*

12. Meconopsis, *Vig.* Welshpoppy.

27.* M. *cambrica*, Vig. *Common Welshpoppy.* "on an old wall at Nelson Hill, Youghal, wild?" *Miss Ball.—extremely rare.*

13. Glaucium, *Tourn.* Hornedpoppy.

28. G. *luteum*, Scop. *Yellow Hornedpoppy.* Strand near Passage: *Mr. J. Drummond.* Great, and Harbour Islands: *Dr. Scott, Mr. Alexander.* Rossmore, and Ballyvodock near Midleton; *Dr. Power.* Along the coast in many places.—*rather general.*

14. Chelidonium, *Linn.* Celandine.

29.* C. *majus*, L. *Common Celandine.* On old walls at Blackrock: *Mr. J. Drummond.* Great Island: *Dr. Scott.* On a wall at Carrigrohane: *Mr. Alexander.* Around Ballincollig Castle: *Dr. Power.* Probably only naturalized.—*rare.*

Order V. FUMARIACEÆ.

15. Corydalis, *De Cand.* Corydalis.

30. C *claviculata*, D.C. *Climbing Corydalis.* On hedges near Kilcreagh Abbey: *Mr. J. Drummond.* Near the Ovens: *Rev. Dr. Hincks.* Local in its distribution.—*very rare.*

16. Fumaria, *Linn.* Fumitory.

31. F. *capreolata*, L. *Ramping Fumitory.* Evergreen, &c.—*common*

32. F. *officinalis*, L. *Common Fumitory.* In fields about Capwell: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Evergreen: *Mr. Alexander.* Ballinlough: *Dr. Power.* About Youghal: *Miss Ball.* Said to be rare in this district, but I have met with it in many and distant stations throughout the County.—*rather general.*

33. F. *parviflora*, Lam. *Least-flowered Fumitory.* On Whiddy and Cape Clear Islands: *Mr. J. Drummond.* Three-Castle-Head: *Mr. W. C. Nash.* Whether the plants found in these stations be the above or the *F. Vaillantii*, Lois. I cannot determine, not having examined or seen specimens from these localities.—*very rare.*

Order VI. CRUCIFERÆ or BRASSICACEÆ.

Sub-Order I. SILIQUOSÆ.

Tribe I. *Arabideæ.*

17. Cheiranthus, *Linn.* Wallflower.

34.† C. *cheiri*, L. *Common Wallflower.* On walls and rocks at Sundays Well, Catsfort, the Brickfields and other places.—*general.*

18. Nasturtium, *R.Br.* Cress.

35. N. *officinale*, R.Br. *Water Cress.* Ballyphehane and other bogs.—*very common.*

36. N. *terrestre*, R.Br. *Marsh Cress.* By the Lough, the Lee, and in Dodgesglen.—*rather rare.*

19. Barbarea, *R.Br.* Wintercress.

37. B. *vulgaris*, R.Br. *Bitter Wintercress.* Glasheen, and by roads, in a sandy soil.—*common.*

38. B. *præcox*, R.Br. *Early Wintercress.* In the Great Island: *Dr. Scott.* On moist cliffs in Passage, and about the City Jail: *Mr. Alexander.* In a quarry at Glasheen, and near Ballintemple: *Dr. Power.* In all stations sparingly.—*rare.*

20. Arabis, *Linn.* Rockcress.

39. A. *hirsuta*, R.Br. *Hairy Rockcress.* On the walls of a castle near Fermoy: *Mr. J. Drummond.* It grows on many walls in that vicinity, as I have been recently informed.—*very rare.*

40. A. *ciliata*, R.Br. *Fringed Rockcress.* On a sandy bank at the western point of the Barony of Bere, very sparingly: *Mr. J. Drummoud.*—*very rare.*

21. Cardamine, *Linn.* Bittercress.

41. C. *hirsuta*, L. *Hairy Bittercress.* By the Mardyke, &c.—*very common.*

42. C. *pratensis*, L. *Meadow Bittercress.* Ballyphehane Bog, &c.—*very common.*

Tribe II. *Sisymbreæ.*

22. Hesperis, *Linn.* Damesviolet.

43.* H. *matronalis*, L. *Common Damesviolet.* Near Cork: *Rev. Dr. Hincks.* In a field near Mount Desart: *Mr. Alexander.* Blarney Lawn: *Dr. Power.* Near the College, Youghal: *Miss Ball* Perhaps only naturalized.—*rather rare.*

23. Sisymbrium, *Linn.* Hedgemustard.

44. S. *officinale*, Scop. *Common Hedgemustard.* By the Mardyke, Evergreen, and on rubbish.—*very common.*

45. S. *thalianum*, Gaud. *Thale Hedgemustard.* By Friar's Walk and in the walks of the Botanic Gardens: *Mr. J. Drummond.* On banks near Douglas and on the ruins of Timoleague Abbey: *Mr. Alexander.* On walls at Glasheen, by the rope walk at the North Abbey, and on cliffs at Blackrock: *Dr. Power.* No where in abundance.—*rather rare.*

24. Alliaria, *Adans.* Saucealone.

46. *officinalis*, Andrz. *Common Saucealone.* (*Erysimum alliaria M.F.H.*) Wood at Blarney: *Mr. J. Drummond.* Leemount: *Mr. Alexander.* Lota Wood, and Roxborough near Midleton: *Dr. Power.*—*rather rare.*

25. Erysimum, *Linn.* Treaclemustard.

47. C. *cheiranthus*, L. *Wormseed Treaclemustard.* In gravelly fields near Sundays Well: *Mr. J. Drummond.* On rubbish about Evergreen: *Dr. Power.*—*very rare.*

Tribe III. *Brassiceæ.*

26. Brassica, *Linn.* Cabbage, &c.

48. B. *oleracea*, L. *Sea Cabbage.* "Brassica marina anglica, Gem On the shores of Clonakilty and other places on the sea coast:" *Dr. C. Smith.* On cliffs near Youghal, sparingly: *Mr. J. Drummond, Miss Ball.*—*very rare.*

49. B. *campestris*, L. *Common Navew.* Near Cork, no station given: *Rev. Dr. Hincks.* Near Youghal: *Miss Ball.*—*very rare.*

50. B. *rapa*, L. *Common Turnip.* Ballinlough, Glasheen.—*rather rare.*

51. B. *napus*, L. *Wild Navew, Rape, Coleseed.* Evergreen, &c.—*general.*

52. B. *nigra*, Roch. *Black Mustard,* (*Sinapis M.F.H.*) Fields at Evergreen: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Cliffs at Whitepoint, near Cove: *Mr. Alexander.* By the shore at Passage: *Dr. Power.* By the sea.—*rather general.*

27. Sinapis, *Linn.* Mustard.

53. S. *arvensis*, L. *Wild Mustard. Charlock.* In corn at Ballinlough and other places.—*injuriously frequent.*

54. S. *alba*, L. *White Mustard.* About Evergreen and Ballyphehane: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Glasheen: *Mr. Alexander.* By the sea.—*rather general.*

28. Diplotaxis, *De Cand.* Mustard.

55.* D. *tenuifolia*, D.C. *Fine-leaved Mustard.* By the East Ferry, Great Island: *Mr. R. W. Townsend.* I fear a mistake.—*very rare.*

56.* D. *muralis*, D.C. *Sand Mustard.* "On the strand by the Lower Glanmire Road, on one spot only:" *Mr. Alexander.* The seed was probably introduced in ballast or conveyed there by the tides. Not now found there.—*very rare.*

Suborder II. LATISEPTÆ.

Tribe IV. *Alyssineæ.*

29. DRAPA, *Linn.* WHITLOWGRASS.

57.† D. *muralis*, R.Br. *Speedwell Whitlowgrass.* On the walls of Blarney castle: *Mr. J. Drummond.* On a wall at Evergreen: *Mr. Alexander.* On the wall of the Mathew Cemetery, by the lodge: *Dr. Power.* Probably the seed was conveyed to the two last stations from the old Botanic Garden in their vicinity. It has not been recently observed on Blarney castle.—*very rare.*

58. D. *verna*, L. *Common Whitlowgrass.* On walls at Evergreen, Blackrock, and other places near Cork. On sandy or limestone soils in several parts of the county.—*rather common.*

30. COCHLEARIA, *Linn.* SCURVYGRASS.

59. C. *officinalis*, L. *Common Scurvygrass.* By the Lee on the quays, and below the City, and by the mouths of rivers.—*common.*

60. C. *danica*, L. *Danish Scurvygrass.* On Cape Clear and Inishircan: *Dr. C. Smith.* On roofs in Kinsale: *Mr. J. Drummond* On shores of Great and Little Islands: *Mr. Alexander.* On limestone rocks and walls near Midleton, and along the coast in abundance: *Dr. Power.*—*rather common.*

61. C. *anglica*, L. *English Scurvygrass.* Below Cork, and on the shore near Bantry: *Mr. J. Drummond.* North of Merino, Great Island: *Dr. Scott,* At Killacloyne and Rossmore, near Midleton: *Dr. Power.* Hawksglen: *Mr. W. C. Nash.* Not now found in the first station.—*rather rare.*

31. ARMORACIA, *Fl. Wett.* HORSERADISH.

62.† A. *rusticana*, Fl. Wett. *Common Horseradish. (Cochlearia armoracia, M.F.H.)* Meadow near Mallow: *Mr. J. Drummond* Near Mardyke house, and at Blarney: *Mr. Alexander.*—*very rare*

Tribe *Camelineæ.*

32. CAMELINA, *Crantz.* CAMLINE.

63.* C. *sativa*, Cr. *Common Camline. Gold of pleasure.* In flax fields in all parts of the county, evidently introduced.—*common.*

Suborder III. AUGUSTISEPTÆ.

Tribe VII. *Thlaspideæ.*

33. THLASPI, *Linn.* PENNYCRESS.

64. T. *arvense*, L. *Mithridate Pennycress.* At Ardagh, near Rosscarbery: *Mr. R. W. Townsend.* The only station.—*very rare.*

34. HUTCHINSIA, *R.Br.* DITTANDER.

65.* H. *petræa*, R.Br. *Rock Dittander.* Naturalized on the walls of the Mathew Cemetery, the old Botanic Garden, where it still flourishes early in spring: *Mr. Alexander.*—*very rare.*

35. Iberis, *Linn.* Candytuft.

66.* I. *amara*, L. *Bitter Candytuft.* Fields near Castetown-Berchaven: *Mr. J. Drummond.* Not given in his list, but noticed as found by him in the Rev. Dr. Hincks' MS. notes. Probably he applied the name to another plant, and discovered his error previous to the publication of his list.—*very rare.*

Tribe VIII. *Lepidineæ.*

36. Lepidium, *Linn.* Pepperwort.

67. L. *campestre*, R.Br. *Common Pepperwort.* In dry fields about Evergreen: *Mr. J. Drummond.* Spyhill, Cove: *Dr. Scott.* Ballinamought, near Cork: *Mr. D. Murray.* Near Youghal: *Miss Ball.* —*rather rare.*

68. L. *Smithii*, Hook. *Smooth Pepperwort.* Glasheen and Kilnap about Cork, very general. It appears very probable that this species has been confounded with the last, which is rare about Cork, whereas this is very general throughout the county.—*common.*

69. L. *latifolium*, L. *Broad Pepperwort.* "At Corkbeg on Cork harbour, in great plenty:" *Dr. C. Smith.* Spike Island: *Mr. J. Drummond.* Still at Corkbeg.—*very rare.*

37. Capsella, *Vent.* Shepherdspurse.

70. C. *bursapastoris*, D.C. *Common Shepherdspurse.* Evergreen, on rubbish and by roadsides everywhere.—*very common.*

Tribe X. *Senebiereæ.*

38. Senebiera, *De Cand.* Wartcress.

71. S. *coronopus*, Poir. *Common Wartcress. (Coronopus Ruelli, M.F.H.)* Roadside, Evergreen: *Mr. J. Drummond.* About Cusquinny bridge, Great Island: *Dr. Scott.* Near the Gas Works, and by the Jail road, Cork: *Dr. Power.*—*rather rare.*

72. S. *didyma*, Pers. *Lesser Wartcress. (Coronopus didyma, M.F.H.)* Near Clerke's bridge, Cork: *Rev. W. Hincks.* Near Youghal: *Miss Ball.* In many parts of the county, *rather rare.* About Evergreen, and on all sides of Cork.—*common.*

Suborder LOMENTACEÆ.

Tribe XII. *Cakilineæ.*

39. Cakile, *Gært.* Searocket.

73. C. *maritima*, Scop. *Purple Searocket.* Strand near Youghal *Mr. J. Drummond.* Strand at Ballycotton: *Dr. Power.* On sand by the sea shore.—*rather rare.*

Tribe XIII. *Raphaneæ.*

40. Crambe, *Linn.* Seakale.

74. C. *maritima*, L. *Common Seakale.* On the strand near Bantry: *Mr. J. Drummond.* By Douglas channel, near Lakelands *Dr. Power*, 1840.—*very rare.*

41. Raphanus, *Linn.* Radish.

75. R. *raphanistrum*, L. *Wild Radish. Jointed Charlock.* In corn fields near Castletown, Berehaven: *Mr. J. Drummond.* About Whitepoint near Cove: *Dr. Power.—not common.*

Order XII. RESEDACEÆ.

42. Reseda, *Linn.* Baserocket.

76. R. *luteola*, L. *Dyers Baserocket. Yellowweed. Weld.* Glasheen, and on rubbish, and by roads.—*rather rare.*

77. R. *lutea*, L. *Mignonette Baserocket.* Sandy bank by the Bride, above Castlelyons, 1842: *Dr. Power.* It also grows above the bridge of Dungarvan, County Waterford, *by the river side*, where I first found it in 1840.—*very rare.*

78.† R. *fruticulosa*, L. *Shrubby Baserocket.* On the wayside between Cork and Glanmire, 1805: *Mr. J. T. Mackay.* On rubbish on Penrose's Marsh, Cork: *Mr. D. Murray.* It still exists on the latter station: in the former I could not discover it.—*very rare.*

Order VIII. CISTACEÆ.

43. Helianthemum, *Gært.* Rockrose.

79. H. *guttatum*, Mill. *Spotted Rockrose.* At Three-Castle-Head, Carbery: *Miss Harriet Townsend.* This very rare plant was first announced as being a native of Ireland by Mr. R. W. Townsend, at the meeting of the British Association in Cork in 1843.—*very rare.*

80. H. *vulgare*, Gært. *Common Rockrose.* On limestone hills near Castlemore, Muskery: *Dr. C Smith.* Cape Clear Island: *Mr. J. Drummond, Rev. W. Hincks.—very rare.*

Order IX. VIOLACEÆ.

44. Viola, *Linn.* Violet.

81. V. *palustris*, L. *Marsh Violet.* Ballyphehane, and other peaty bogs and moors.—*very general.*

82. V. *odorata*, L. *Sweet Violet.* Banks near Evergreen: *Mr. J. Drummond.* About Blarney Castle: *Mr. Alexander.* Under Lucyville near Cork: *Dr. Power.* I have observed it on banks near Douglas, and in groves at Blarney without petals, the anthers being closely ranged around the pistil.—*rather rare.*

83. V. *imberbis*, Leigh. *White Violet.* On a bank by the roadside near Pouladuff, Cork, 1840: *Dr. Power.—very rare.*

84. V. *hirta*, L. *Hairy Violet.* In a wood at Blarney: *Rev. Dr. Hincks.* Near Evergreen: *Mr. J. Drummond.* It has not been recently found in either station.—*very rare.*

85. V. *canina*, L. *Dog Violet.* Glasheen and on banks.—*common.*

86. V. *lactea*, Sm. *Milky Violet.* Mountains near Bantry: *Mr. J. Drummond.—very rare.*

87. V. *lutea*, Huds. *Yellow Violet.* On the strand near Kinsale, and on mountains near Castletown: *Mr. J. Drummond.—very rare.*

" " β. *curtisii*, Forst. On sands at Ballycotton: *Dr. Power*. Near Youghal: *Miss Ball*. Perhaps this is the plant of the Kinsale station noticed above.—*very rare*.

88. V. *tricolor*, L. *Pansy Violet*. Corn fields near Cork: *Mr. J. Drummond*. Near Sundays Well: *Rev. Dr. Hincks*. At Ballintemple, and on barren hills near Blarney: *Dr. Power*.—*rather rare*.

89. V. *arvensis*, Murr. *Field Violet*. Evergreen and in corn.—*common*.

Order X. DROSERACEÆ.

45. Drosera, *Linn*. Sundew.

90. D. *rotundifolia*, L. *Round-leaved Sundew*. In Ballyphehane, and other bogs and moors.—*common*.

91. D. *longifolia*, L. *Spatulate Sundew*. Bogs near Castletown: *Mr. J. Drummond*. About Innishannon and Ballynadee: *Dr. Power*. West Carbery: *Mr. R. W. Townsend*. Not found in the East Riding: In the West, *rather common*.

92. D. *anglica*, Huds. *Great Sundew*. Bogs near Castletown, Berehaven: *Mr. J. Drummond*. Not found in the East Riding: in the West Riding, *rather rare*.

Order XI. POLYGALACEÆ.

46. Polygala, *Linn*. Milkwort.

93. P. *vulgaris*, L. *Common Milkwort*. Dodgesglen and on heaths; blue, pink, and white.—*very common*.

Order XIV. ELATINACEÆ.

47. Elatine, *Linn*. Waterwort.

94. E. *hydropiper*, L. *Octandrous Waterwort*. In a small lake by the roadside near Bantry: *Mr. J. Drummond*. Whether the plant of that station be the present species or the E. *hexandra*, D.C. I have not had an opportunity of determining, not having seen it.—*very rare*.

Order XV. CARYOPHYLLACEÆ.

Tribe I *Sileneæ*.

48. Dianthus, *Linn*. Pink.

95. D. *plumarius*, L. *Pheasanteye Pink*. In an old quarry at Blackrock: On the cliffs of Hop Island: *Mr. J. Drummond*. Called by him D. *hortensis*, and given in *M.F.H.* under the species here adopted. I have not been able to detect it in either station.—*very rare*.

96. D. *caryophyllus*, L. *Clove Pink*. "*Caryophyllus simplex flore minore palide rubente C.B. Pinax*. On the walls of an old castle in the market place of Kinsale:" *Dr. C. Smith*. The castle is thrown down but the plant still grows on some old houses in the vicinity: *Mr. J. Drummond*. I have never seen the plant and cannot discover

if it still exist in that locality or have become extinct—*extremely rare*

97. D. *deltoides*, L. *Maiden Pink*. Dry hilly pastures near Dunscombeswood, sparingly: *Mr. Alexander*. I could never find it though I frequently sought for it. Mr. A. gathered many specimens which have been fully verified.—*very rare*.

49. Saponaria, *Linn*. Soapwort.

98.* S. *officinatis*, L. *Common Soapwort*. In an old orchard at Carrigdrohid, with double flowers: *Mr. Alexander*. Not found with single flowers. Only naturalized.—*rare*.

50. Silene, *Linn*. Catchfly.

99. S. *anglica*, L. *English Catchfly*. In fields near Castletown, Berehaven: *Mr. J. Drummond*. South side of Little Island, in corn: and by corn stores, South Terrace: *Mr. D. Murray*.—*rare*.

100. S. *inflata*, Sm. *Bladder Catchfly*. On banks at Ballinlough and elsewhere.—*very common*.

101. S. *maratima*, With. *Sea Catchfly*. Hop Island by the coast and on the shores of inlets.—*very general*.

51. Lichnis, *Linn*. Campion.

102. L. *floscuculi*, L. *Meadow Campion*. *Ragged Robin*. Dodgesglen and in moist meadows.—*very common*.

103. L. *vespertina*, Sib. *White Campion*. Glasheen, &c.—*common*.

104. L. *diurna*, Sib. *Red Campion*. River side near Carrigaline: *Mr. Alexander*. Near Balleagh Castle: *Dr. Power*.—*very rare*.

105. L. *githago*, Lam. *Corn Campion*. *Corn Cockle*. (*Agrostemma githago M.F.H.*) Ballinlough in corn and vetches.—*common*.

Tribe II. *Alsineæ*.

52. Sagina, *Linn*. Pearlwort.

106. L. *procumbous*, L. *Procumbent Pearlwort*. Moist walls.—*common*.

107. S. *maratima*, Don. *Sea Pearlwort*. By the Martello Tower, Merino, Great Island: *Dr. Scott*. At Whitepoint, Cove: and in Little Island: *Dr. Power*. Often overlooked.—*rather rare*.

108. S. *apetala*, Hard. *Upright Pearlwort*. In Cork on walls and on banks in dry sandy soils.—*very common*.

53, Spergula, *Linn*. Spurrey.

109. S. *saginoides*, L. *Pearlwort Spurrey*. On mountains near Bantry: *Miss Hutchins*. Near the telegraph on Bere Island, Bantry Bay: *Mr. J. Drummond*.—*very rare*.

110. S. *subulata*, Sw. *Awlshaped Spurrey*. About Derry, Ross-Carbery? *Mr. R. W. Townsend*.—*very rare*.

111. S. *nodosa*, L. *Knotted Spurrey*. Bridge at Carrigaline: *Mr. J. Drummond*. On the quay near the Gasworks, Cork: marsh near Ballinhassig: *Mr. Alexander*. Near Coolmore, by the river: *Dr. Power*. On walls at Lota and Foaty: *Mr. D. Murray*.—*rather rare*.

112. S. *arvensis*, L. *Corn Spurrey*. Ballinamought.—*very common.*
113. S. *pentandra*, L. *Pentandrous Spurrey*. Near Cork: *Mr. J. Drummond*. In gardens about Youghal: *Miss Ball*. I have never observed this plant in my excursions about Cork.—*rare.*

54. Stellaria, *Linn.* Stitchwort.

114. S. *cerastoides*, L. *Alpine Stitchwort*. On a high mountain near Bantry: *Miss Hutchins*.—*very rare.*
115. S. *media*, Sith. *Common Stitchwort. or Chickweed*. Evergreen and on rubbish, and in gardens.—*very common.*
116. S. *holostea*, L. *Greater Stitchwort*. Glasheen, &c.—*common.*
117. S. *graminea*, L. *Lesser Stitchwort*. Inchigaggin.—*common.*
118. S. *uliginosa*, Mur. *Bog Stitchwort*. Ballyphehane, and bogs.—*common.*

55. Malachium, *Fries*. Waterchickweed.

119.? M. *aquaticum*, Fr. *Common Waterchickweed*. (*Cerastium, M.F.H.*) On the banks of the Lee: *Rev. Dr. Hincks*. This plant has not been recently found, though diligently sought for by many botanists.—*extremely rare.*

56. Arenaria, *Linn.* Sandwort.

120. A. *serpyllifolia*, L. *Thymeleaved Sandwort*. Gill Abbey.—*common.*

57. Mœhringia, *Linn.* Sandwort.

121. M. *trinervia*, Clairv. *Threenerved Sandwort*. (*Arenaria, M.F.H.*) Shanakiel, Mountdesart, Inchigaggin.—*rather general.*

58. Alsine, *Wahl.* Sandwort.

122. A. *rubra*, Wahl. *Purple Sandwort*. (*Arenaria, M.F.H.*) Near the Corn Market; Douglas, and on salt marshes.—*common.*
123. A. *marina*, M. & K. *Spurrey Sandwort*. (*Arenaria, M.F.H.*) Below Douglas, Whitepoint, Cove, and by the coast.—*common.*
124. A. *peploides*, Wahl. *Seaside Sandwort*. Strand at Ballycotton: *Mr. J. Drummond*. Near Clay Castle and Ringpoint, Youghal: *Dr. Power*. By sandy shores.—*rather rare.*

59. Cerastium, *Linn.* Chickweed.

125. C. *glomeratum*, Thuil. *Mousear Chickweed*. (C. *vulgatum, M.F.H.*) Evergreen, Glasheen, and in fields.—*very common.*
126. C. *triviale*, Link. *Narrow Chickweed*. (C. *viscosum, M.F.H.*) At Evergreen, Ballinlough, and on walls.—*very common.*
127. C. *semidecandrum*, L. *Lesser Chickweed*. On walls near the end of Friar's Walk, Cork: *Mr. J. Drummond*. On walls in Cork; near Kilbrittain: *Mr. Alexander*. At Ballyvodock near Midleton, on dry rocks: *Dr. Power*.—*rare.*
128. C. *tretrandrum*, Curt. *Fourcleft Chickweed*. Whitepoint, Cove: Ballyvodock, and along the coast.—*very common.*

129. C. *arvense*, L. *Field Chickweed.* Sundays Well, Cork: *Rev. Dr. Hincks.* By the shore at Ballyvodock, Midleton, 1843: *Dr. Power.* It is not now found in the former station, and is very scarce in the latter.—*very rare.*

Order XVI. MALVACEÆ.

60. Malva, *Linn.* Mallow.

130. M. *moschata*, L. *Musk Mallow.* Near Carrigrohane Castle: about Sundays Well: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Both sides of the Lee: *Mr. Alexander.* Shanbally, Monkstown, and Blarney: *Dr. Power.* Only on limestone soils—*rather rare.*

131. M. *sylvestris*, L. *Common Mallow.* Blackrock, &c.—*common*

132. M. *rotundefolia*, L. *Dwarf Mallow.* On the strand near Carrigaline: Timoleague Castle: *Mr. J. Drummond.* At Sundays Well: *Rev. Dr. Hincks.* Spyhill and Carrigalow; Great Island: *Dr. Scott.* Glen at Passage: *Mr. Alexander.* Ballyvodock, near Midleton: *Dr. Power.* In all stations sparingly.—*rare.*

61. Althæa, *Linn.* Marshmallow.

133. A. *officinalis*, L. *Common Marshmallow.* Cable island, near Youghal: *Dr. C. Smith.* Cape Clear Island: *Mr. J. Drummond.* Near Castlemartyr: *Miss Ball.*—*very rare.*

62. Lavatera, *Linn.* Treemallow.

134. L. *arborea*, L. *Sea Treemallow.* Cable island, Youghal: *Dr. C. Smith.* Strand at Ballycotton: *Mr. J. Drummond.* Whitepoint, Cove: *Dr. Scott.* Coast near Ballymacotter Castle, Cloyne: *Dr. Power.* Sparingly in all the stations.—*rather rare.*

Order XVII. TILIACEÆ.

63. Tilia, *Linn.* Linden or Lime.

135.* T. *europæa*, L. *Common Linden. Limetree.* Blarney, &c.

136.* T. *parvifolia*, Ehrh. *Small-leaved Linden.* At Douglas, Coolmore, and in lawns.—*rather common.*

137.* T. *grandifolia*, Ehrh. *Broad-leaved Linden.* Castlemartyr. All three are frequently met with in hedges and lawns, but are most likely not truly indigenous.—*general.*

Order XVIII. HYPERICACEÆ.

64. Hypericum, *Linn*, Stjohnswort.

138.† H. *calycinum*, L. *Great St.-Johns-wort.* "Near Ballymaloe, in the Barony of Imokilly, remote from any garden:" *Dr. C. Smith.* By the Bandon road, station destroyed: *Mr. J. Drummond.* Donnybrook glen, Cork: Spyhill and Whitepoint, Cove: Glenbower wood, Killeagh: *Dr. Power.* Drumiliky wood, Rosscarbery: *Mr. R. W. Townsend.* Apparently wild in this county.—*rare.*

139. H. *androsæmum*, L. *Tutsan St.-Johns-wort.* By the Mardyke Dodgesglen, Inchigaggin, and throughout the county.—*rather common.*

140. H. *quadrangulum*, L. *Squarestalked St.-Johns-wort.* In Ballyphehane and other bogs throughout the county.—*very common.*

141. H. *dubium*, Leers. *Imperforate St.-Johns-wort.* On limestone near Cork and Fermoy: *Mr. J. Drummond.* About Evergreen: *Rev. Dr. Hincks.* Carrigrohane and Ballinhassig: *Mr. Alexander.* Limestone crags near Midleton: *Dr. Power.*—*rather common.*

142. H. *perforatum*, L. *Perforate St.-Johns-wort.* Near Ballynahow bridge, on the Funcheon: *Mr. J. Drummond.* Great Island: *Dr. Scott.* I have never met with it near Cork.—*rather rare.*

143. H. *humifusum*, L. *Trailing St.-Johns-wort.* Dodgesglen.—*common.*

144. H. *pulchrum*, L. *Pretty St.-Johns-wort.* Dodgesglen and banks.—*common.*

145. H. *elodes*, L. *Marsh St.-Johns-wort.* Ballyphehane and other bogs.—*common.*

Order XIX. ACERACEÆ.

65. Acer, *Linn* Maple.

146.* A. *campestre*, L. *Common Maple.* Hedges near Cork: *Mr. J. Drummond.* Blarney lawn and wood near the castle: *Dr. Power.* A doubtful native of the county of Cork, and seldom met with.—*rare.*

147.* A. *pseudoplatanus*, L. *Greater Maple. Sycamore.* Lota and other woods and in hedges.—*very common.*

Order XX. GERANIACEÆ.

66. Geranium, *Linn.* Cranesbill.

148.* G. *phæum*, L. *Dusky Cranesbill.* In Lota wood, Cork: *Mr. D. Murray.* Probably only the outcast of a garden naturalized.—*very rare.*

149.* G. *pratense*, L. *Meadow Cranesbill.* Vosterberg, Cork: *Mr. D. Murray.* This is also a very doubtful native.—*very rare.*

150. G. *pusillum*, L. *Small-flowered Cranesbill.* By the roadside near the Ovens: *Mr. J. Drummond.* No other person has been able to find this interesting species.—*very rare.*

151. G. *dissectum*, L. *Jagged Cranesbill.* Gill Abbey.—*common.*

152. G. *columbinum*, L. *Long-stalked Cranesbill.* Near Kilcreagh Abbey: *Mr. J. Drummond.* Sundays Well and Shanakiel: *Rev. Dr. Hincks.* About the Ovens Church: *Mr. Alexander.* Near Ballincollig castle: *Dr. Power.* No where in plenty.—*rather rare.*

153. G. *rotundifolium*, L. *Round-leaved Cranesbill.* Sundays Well, Blackrock, and other places. General in this county.—*common.*

154. G. *molle*, L. *Dovesfoot Cranesbill.* Shanakiel, &c.—*common.*

155. G. *lucidum*, L. *Shining Cranesbill.* Gill Abbey, Kilnap.—*common.*

156. G. *robertianum*, L. *Stinking Cranesbill.* Glasheen, Evergreen Shanakiel.—*common.*

157. G. *purpureum*, Forst. *Rays Cranesbill.* Shore at Coolmore: *Mr. J. Drummond.* On the southern wall of St. Finn Barr's churchyard: *Mr. Alexander.* Under Hydepark: *Mr. D. Murray.* At Capwell: *Dr. Power.*—*rather rare.*

67. Erodium, *L'Herit.* Storksbill.

158. E. *cicutarium*, Sm. *Hemlock Storksbill.* Strand at Ballycotton: *Mr. J. Drummond.* Shore at Kilbrittain: *Mr. Alexander.* Whitepoint, Cove: Rossmore, and Ballyvodock, Midleton: *Dr. Power.* Along the coast in many places.—*rather general.*

159. E. *moschatum*, Sm. *Musk Storksbill.* Walls at Friars Walk: *Mr. J. Drummond.* Great Island: *Dr. Scott.* By the Blackrock and Douglas roads, and near Glanmire: *Mr. Alexander.* Hydepark: *Mr. D. Murray.* By the Jail road, Cork: Near Kinsale Barracks: *Dr. Power.*—*rather rare.*

160. E. *maritimum*, Sm. *Sea Storksbill.* Strand at Ballycotton: *Mr. J. Drummond, Rev. Dr. Hincks.* Bro-head, near Crookhaven: *Mr. R. W. Townsend.* The former station has probably been destroyed by the encroachment of the sea, as I could not discover a trace of it last season after a most diligent search.—*extremely rare.*

Order XXI. LINACEÆ.

68. Linum, *Linn.* Flax.

161. L. *angustifolium*, Huds. *Paleflowered Flax.* Banks of the Lee: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Mountdesart hill: *Mr. Alexander.* Little Island; Monkstown; Blarney; Clonmult: *Dr. Power.* On limestone or sandy hills or cliffs.—*rather rare.*

162.* L. *usitatissimum*, L. *Common Flax.* By roads near Cork, naturalized: *Mr. J. Drummond.* Sundays Well: *Rev. Dr. Hincks.* Great Island: *Dr. Scott.* Cultivated ground: *Mr. Alexander.* It can scarcely be considered a true native.—*rare.*

163.? L. *perenne*, L. *Perennial Flax.* In a field near Monkstown: *Mr. J. Drummond.* It has been found by no other. Could Mr. D. have mistaken the first species, which is common in that district, for the present plant?—*very rare.*

164. L. *catharticum*, L. *Purging Flax.* Mountdesart and on dry pastures, too general, being injurious to milch cows.—*common.*

69. Radiola, *Gmel.* Flaxseed.

165. R. *millegrana*, Sm. *Thymeleaved Flaxseed.* Bogs in the south and west of the county: *Mr. J. Drummond.* Plentiful about Ballylickey, Bantry: *Miss Hutchins.* Near Bandon: *Mr. J. T. Mackay.* Not found in the East Riding, in the West, *rather common.*

Order XXIII. OXALIDACEÆ.

70. Oxalis, *Linn.* Woodsorrel.

166. O. *acetosella*, L. *Common Woodsorrel.* Gill Abbey and groves.—*common.* A variety with red flowers near Passage; *Mr. J. Drummond.*—*rare.*

Subclass II. CALYCIFLORÆ.

Order XXIV. CELASTRACEÆ.

71. Euonymus, *Linn.* Spindletree.

167. E. *europæus*, L. *Common Spindletree.* Hedges near Cork:

Mr. J. Drummond. Blackrock and Carrigrohane: *Mr. Alexander.* By Bishopsbrook; Blarney Woods; Roxborough, near Midleton; and on limestone shady rocks: *Dr. Power.—rather common.*

Order XXV. RHAMNACEÆ.

72. Rhamnus, *Linn.* Buckthorn.

168. R. *cathartieus*, L. *Common Buckthorn.* "On the hills in Muskery which separate the counties of Cork and Kerry:" *Dr. C. Smith.* Banks of the Lee near Carrigrohane Castle: *Mr. J. Drummond.* It has not been recently found.—*very rare.*

Order XXVI. LEGUMINOSÆ or FABACEÆ.

Tribe I. *Loteæ.*

73. Ulex, *Linn.* Furze.

169. U. *europæus*, L. *Common Furze.* Shanakiel and in glens.—*common.*

170. U. *nanus*, Forst. *Dwarf Furze.* Dodgesglen and brakes.—*common.*

74. Sarothamnus, *Wimm.* Broom.

171. S. *scoparius*, Wimm. *Common Broom.* (*Cytisus, M.F.H.*) Dodgesglen and dry barren hills, formerly more abundant.—*common*

75. Ononis, *Linn.* Restharrow.

172. O. *arvensis*, L. *Common Restharrow.* (O. *procurrens, M.F.H.*) Glasheen, Ballinlough, and dry pastures.—*common.*

173. O. *antiquorum*, L. *Spinous Restharrow.* (O. *spinosa, M.F.H.*) Lakelands, Cork: *Rev. Dr. Hincks.* Little Island; Shanbally; Blackrock: *Dr. Power.—rather rare.*

76. Anthyllis, *Linn.* Kidneyvetch.

174. A. *vulneraria*, L. *Common Kidneyvetch.* Great Island; Little Island; Rocks near Midleton, occasionally with white flowers By the coast.—*very common.*

" " β. *Dillenii. Red Kidneyvetch.* By the coast: *Mr. J. Drummond.* By the sea near Bantry: *Mr. J. T. Mackay.* Little Island: *Mr. Alexander.* Mr. D. observes, the yellow is the least common on the coast. It may be so to the west, but is not most decidedly to the east of Cork harbour. This variety is *rather rare.*

77. Medicago, *Linn.* Medick.

175.* M. *sativa*, L. *Purple Medick. Lucerne.* Little Island; Whitepoint, Cove. I do not consider it even naturalized here.—*very rare.*

176. M. *lupulina*, L. *Black Medick. Nonsuch.* Glasheen, &c.—*common.*

177. M. *maculala*, Sibth. *Spotted Medick.* South side of the Little Island by the shore, 1840: *Mr. D. Murray.* This is the only place it has been found in Ireland.—*extremely rare.*

178.* M. *minima*, Lam. *Little Medick.* By the Corn Market, Cork, one plant, 1836: *Mr. Alexander.* The seed most probably introduced in corn or ballast.—*extremely rare.*

179.* M. *denticulata*, Widd. *Denticulated Medick.* In a potato field by Mr. Mahony's cloth factory, at Blarney, 1842: *Dr. Power.* The seed was unquestionably introduced in wool.—*very rare.*

78. Melilotus, *Lam.* Melilot,

180.? M. *officinalis*, Lam. *Yellow Melilot.* In the Little Island, and in a quarry at Blackrock: *Mr. Alexander.* It has been found by no other person in the vicinity of Cork. Could Mr. A. have made a mistake with regard to it?—*extremely rare.*

181.? M. *vulgaris*, Willd. *White Melilot.* (M. *leucantha, M.F.H.*) Meadows in the Little Island, and salt marshes near Cork: *Mr. J. Drummond.* This plant also has only one authority for its existence in the county. Perhaps both one and the other have been eradicated by the operations of husbandry.—*extremely rare.*

79. Trifolium, *Linn.* Trefoil. Clover.

182. T. *pratense*, L. *Purple Trefoil. Red Clover.* Glasheen and in pastures.—*very common.*

183. T. *medium*, L. *Zigzag Trefoil. Cowgrass.* Glasheen, Little Island, and on pastures, on a limestone soil chiefly.—*rather common.*

184. T. *arvensis*, L. *Haresfoot Trefoil.* Field near Evergreen: *Mr. J. Drummond.* Near Lakelands, Cork: *Mr. D. Murray.* I have never met with this plant in the county.—*very rare.*

185. T. *repens*, L. *White Trefoil. Dutch Clover.* Glasheen, and in pastures.—*very common.*

186. T. *procumbens*, L. *Hop Trefoil.* Blackrock, and sandy soils.—*rather common.*

187. T. *minus*, Sm. *Dwarf Trefoil.* Whitepoint, Cove; Crags near Midleton, and on dry sandy soils.—*rather common.*

188. T. *filiforme*, L. *Yellow Trefoil.* Glasheen, and in dry pastures.—*very common.*

80. Lotus, *Linn.* Birdsfoot-trefoil.

189: L. *corniculotus*, L. *Birdsfoot-trefoil.* Two species.

" " *a. vulgaris.* Glasheen and dry banks.—*common.*

" " *β. villosus.* Ballincollig and bushy places.—*common*

190. L. *major*, Scop. *Narrowleaved Birdsfoot-trefoil.* Ballyphehane, Inchigaggin, and moist thickets.—*rather common.*

191.* L. *angustissimus*, L. *Slender Birdsfoot-trefoil.* On the strand near Passage: *Mr. J. Drummond.* Not now found there.—*very rare.*

Tribe II. *Vicieæ.*

81. Vicia, *Linn.* Vetch. Tare.

192. V. *hirsuta*, Koch. *Hairy Tare.* (*Ervum, M F.H.*) Carrigrohane; Great Island; Blarney.—*rather rare.*

193. V. *tetrasperma*, Koch. *Smooth Tare.* (*Ervum, M.F.H.*)

Mountdesert, in corn: *Mr. Alexander.* By the shore, Little Island: *Mr, D. Murray.* In a field by the Mardyke: *Dr. Power.—rare.*

194. V. *sylvatica*, L. *Wood Vetch.* By the Lee above Carrigrohane Castle; in a wood on the banks of the Blackwater; In a furzebrake near Bantry: *Mr. J. Drummond.* On dry limestone crags at Shanbally, near Monkstown: *Dr. Power.—very rare.*

195. V. *cracca*, L. *Tufted Vetch.* Dodgesglen, and poor pastures.—*common.*

196. V. *sepium*, L. *Bush Vetch.* Glasheen, and by fences.—*common.*

197. V. *sativa*, L. *Common Vetch.* Ballinlough and dry pastures.—*common.*

198.? V. *lathyroides*, L. *Spring Vetch.* By the Glanmire road; Little Island; near Midleton: *Mr. Alexander.* I have not observed it.—*very rare.*

82. Lathyrus, *Linn.* Vetchling.

199. L. *pratensis*, L. *Meadow Vetchling.* Glasheen, and by fences.—*common.*

83. Orobus, *Linn.* Bittervetch.

200. O. *tuberosus*, L. *Tuberous Bittervetch.* Dodgesglen, Shanakiel, and on coarse rugged banks.—*common.*

Tribe III. *Hedysareæ.*

84. Onobrychis, *Gært.* Saintfoin.

201.* O. *sativa*, Lam. *Common Saintfoin.* By the shore at Ballymore, Great Island, 1840: *Dr. Power.* It was most probably introduced, as I have not since observed it on that station.—*very rare.*

Order XXVII. ROSACEÆ.

Tribe I. *Amygdaleæ.*

85. Prunus, *Linn.* Plum.

202. P. *spinosa*, L. *Sloe Plum. Blackthorn.* Dodgesglen, &c.—*common.*

203.† P. *insititia*, L. *Bullace Plum. Bullacetree.* Near Douglas, and in hedges and thickets in several places.—*rather rare.*

204.* P. *domestica*, L. *Wild Plum.* Glanmire wood and in hedges, scarcely indigenous.—*not uncommon.*

86. Cerasus, *De Cand.* Cherry.

205.† C. *padus*, L. *Bird Cherry.* (*Prunus, M.F.H.*) Near Carrigaline: *Mr. Alexander.* Glenbower wood, Killeagh: *Dr. Power.—rather rare.*

206.† C. *avium*, L. *Wild Cherry.* (*Prunus, M.F.H.*) By the Blackwater in woods and fences, rather general. Called the Blackmazard; elsewhere.—*very rare.*

207. C. *austera*, Leigh. *Acerb Cherry.* (*Prunus cerasus, M.F.H.*) By the Lee, at Leemount; Blarney lake, and in groves.—*rather rare.*

Tribe II. *Spireæ.*

87. Spiræa, *Linn.* Dropwort.

208.* L. *salicifolia*, L. *Willow Drapwort.* Near Blarney Castle; between Ballinhassig and Kinsale: *Mr. Alexander.* This is a doubtful native, even scarcely naturalized.—*very rare.*

209. S. *ulmaria*, L. *Meadow Dropwort. Meadowsweet.* Ballyphehane and other bogs and damp meadows.—*common.*

Tribe III. *Dryadeæ.*

88. Dryas, *Linn.* Mountain-avens.

210. D. *octopetala*, L. *Common Mountain-avens.* "*Caryophyllata alpina, chamædryos folio; Raii Syn.* On high grounds between the Barony of Muskery and the county of Kerry:" *Dr. C. Smith.* It has not been recently sought for, but Dr. S. is most probably correct, as he appears to have been also acquainted with the Clare and Sligo plants.—*very rare.*

89. Geum, *Linn.* Avens.

211. G. *urbanum*, L. *Common Avens. Herb Bennet.* About Glasheen, Ballinlough and by roads and fences.—*rather common.*

212. G. *rivale*, L. *Water Avens.* "On the banks of the Lee; this has a double flower multiplied to sixteen petals:" *Dr. C. Smith.* On the Priestsleap, near Bantry: *Mr. J. Drummond.* Blarney bog near the limestone quarry, 1841: *Dr. Power.* Dunsfort bog, near Midleton: *Mr. R. W. Townsend.* The Blarney plant has not double flowers, and only grows in one spot.—*rather rare.*

90. Sanguisorba, *Linn.* Burnet.

213? S. *officinalis*, L. *Great Burnet.* Near Cork, no station specified: *Rev. Dr. Hincks.* This has been found by no other.—*very rare.*

91. Poterium, *Linn.* Saladburnet.

214. P. *sanguisorba*, L. *Common Saladburnet.* Pastures in the Little Island: *Mr. J. Drummond.* Fields near Blackrock: *Rev. Dr. Hincks.* I have never met this plant.—*very rare.*

92. Agrimonia, *Linn.* Agrimony.

215. A. *eupatoria*, L. *Common Agrimony.* Little Island; Blackrock: Whitepoint, Cove; and by roads and on banks.—*rather general.*

93, Alchemilla, *Linn.* Ladysmantle.

216. A. *vulgaris*, L. *Common Ladysmantle.* Near the Lee: *Mr. J. Drummond.* Between Mountdesart and Blarney: *Rev. Dr. Hincks.* In a field next George IV. bridge, Cork; At Donnickmore, near Midleton: *Dr. Power.*—*rather rare.*

" " β. *subsericea*, Koch. (A *minor, M.F.H.*) Fields near the Lee, sparingly: *Mr. J. Drummond.* I have not met this.—*very rare.*

217. A. *arvensis*, L. *Field Ladysmantle. Parsley Piert.* On walls and dry banks, Evergreen and other places.—*very common.*

94. POTENTILLA, *Linn.* CINQUEFOIL.

218. P. *anserina*, L. *Silver Cinquefoil.* Glasheen, and dry fields.—*common.*

219.? P. *verna*, L. *Spring Cinquefoil.* Great Island: *Dr. Scott.* I have never met with it. Could Dr. S. have mistaken a small variety of the next species for it.—*very rare.*?

220. P. *reptans*, L. *Creeping Cinquefoil.* Glasheen, and on banks.—*common.*

221. P. *fragariastrum*, Ehrh. *Strawberry Cinquefoil.* Evergreen and dry banks.—*common.*

95. TORMENTILLA, *Linn.* TORMENTIL.

222. T. *officinalis*, Sm. *Common Tormentil.* Dodgesglen and dry banks.—*common.*

223. T. *reptans*, L. *Trailing Tormentil.* Ballyphehane and by roads.—*common.*

96, COMARUM, *Linn.* MARSH-CINQUEFOIL.

224. C. *palustre*, L. *Purple Marsh-cinquefoil.* Ballyphehane and other bogs.—*common.*

97. FRAGARIA, *Linn.* STRAWBERRY.

225. F. *vesca*, L. *Wood Strawberry.* Evergreen, and on banks.—*common.*

226.† F. *elatior*, Ehrh. *Hautboy Strawberry.* Dunscombe's wood, Cork: *Mr. J. Drummond.* On a barren rock at Shanakiel, Cork: *Dr. Power.*—*rather rare.*

98. RUBUS, *Linn.* BRAMBLE.

227. R. *idæus*, L. *Raspberry Bramble.* Dodgesglen and thickets.—*common.*

228. R. *suberectus*, And. *Upright Bramble.* In the county, common: *Mr. J. Drummond.* In the East Riding, *rather rare.*

229. R. *plicatus*, W. & N. *Plaited Bramble.* Near Clonakilty: *Mr. C. C. Babington.* It has not been observed elsewhere.—*very rare.*

230. R. *fruticosus*, L. *Common Bramble.* Dodgesglen.—*common.*

231. R. *corylifolius*, Sm. *Hazel-leaved Bramble.* Shanakiel.—*common.*

232. R. *Koehleri*, W. & N. *Koehler's Bramble.* Roadside near Hop Island, sparingly: *Mr. Alexander.*—*rather rare.*

233. R. *cæsius*, L. *Dewberry Bramble.* In many parts of the county: *Mr. J. Drummond.* Near Carrigrohane: *Mr. Alexander.*—*rather common.*

Tribe IV. *Roseæ.*

99. ROSA, *Linn.* ROSE. SWEETBRIAR.

234. R. *spinosissima*, L. *Burnet-leaved Rose.* Ballycotton; Inchageela: *Mr. J. Drummond.* Kilbrittain; *Mr. Alexander.*—By the coast.—*common.*

235. R. *hibernica*, Sm. *Irish Rose.* In many parts of the county: *Mr. J. Drummond.* I have never observed it.—*rather rare.*

236. R. *involuta*, Sm. *Unblown Rose.* Glengariff: *Mr. J. Drummond.*—*rare.*

237. R. *sabini*, Woods. *Sabines Rose.* γ. *gracilis.* Hedges near Fermoy: *Mr. J. Drummond.*—*very rare.*

238. R. *villosa*, L. *Villous Rose.* Hedges near Carrigrohane Castle.—*rather rare.*

239. R. *tomentosa*, Sm. *Downy Rose.* Hedges near the Lee *Mr. J. Drummond.* Great Island: *Dr. Scott.* Dodgesglen: *Mr. Alexander.* Dunbullogue glen: *Dr. Power.*—*rather common.*

240. R. *micrantha*, Sm. *Small-flowered Sweetbriar.* Hedges near Evergreen: *Mr. J. Drummond.* By Glanmire road: *Mr. Alexander.*—*rare.*

241. R. *rubiginosa*, L. *True Sweetbriar.* Hedges near Passage: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Near Timoleague: *Mr. Alexander.* On dry or limestone soils.—*rather general.*

242. R. *canina*, L. *Dog-Rose.* Of which there are three varieties.

" " α. *communis. Common Dog-Rose.* In hedges in county Cork, occasionally: *Mr. J. Drummond.*—*rather common.*

" " δ. *dumetorum*, Bor. *Thicket Dog-Rose.* In the woods at Castlehyde near Fermoy: *Mr. J. Drummond.*—*rare.*

" " ε. *Forsteri*, Bor. *Forster's Dog-Rose.* In hedges in the county of Cork: *Mr. J. Drummond.*—I have not met with it.—*very rare.*

243. R. *cæsia*, Sm. *Glaucous Rose.* In many parts of the county: *Mr. J. Drummond.*—*very common.*

244. R. *systyla*, Bast. *Closestyled Rose.* Hedges at Evergreen; *Mr. J. Drummond.* Many places about Cork.—*rather common.*

245. R. *arvensis*, Huds. *Trailing Rose.* Hedges at Mountdesart, and in thickets about Cork.—*rather general.*

Tribe V. *Pomeæ.*

100. Cratægus, *Linn.* Hawthorn. Whitethorn.

246. C. *oxyacantha*, L. *Ovalberried Hawthorn.* Blarney; Dunkettle; near Monkstown; and in hedges occasionally.—*rather rare.*

247. C. *monogyna*, Jacq. *Roundberried Hawthorn.* Dodgesglen, and on fences. This is the more usual kind.—*very common.*

101. Pyrus, *Linn.* Pear Apple.

248.* P. *communis*, L. *Wild Peartree.* County Cork: *Rev. Dr. Hincks.* On rocks below Fermoy: *Mr. J. Drummond.* In a wild state, *very rare.*

249. P. *malus*, L. *Crab Appletree.* Dodgesglen and on fences.—*common.*

250. P. *aucuparia*, Gært. *Mountainash.* Glanmire and other woods.—*common.*

251.† P. *aria*, Sm. *White Beamtree.* Glenbower, Killeagh: *Dr. Power.* A doubtful native, in plantations and lawns.—*rather general.*

Order XXVIII. LYTHRACEÆ.

102. Lythrum, *Linn.* Purple-loosestrife.

252. L. *salicaria*, L. *Spiked Purple-loosestrife.* By the Mardyke.—*common.*

103. Peplis, *Linn.* Water-purselane.

253, P. *portula*, L. *Common Water-purselane.* Ballyphehane bog: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Carrigaline: *Mr. Alexander.* By the pond in Dodgesglen; By the Bishop's brook: *Dr. Power.* On the dried shores of muddy ponds, &c.—*rather common.*

Order XXIX. CERATOPHYLLACEÆ.

104. Ceratophyllum, *Linn.* Hornwort.

254. C. *demersum*, L. *Common Hornwort.* In the Lough of Cork: *Mr. D. Murray.* I cannot say whether I have given the species correctly, as though very abundant there, I have not met with it in fruit. This is the only known station in the county.—*very rare.*

Order XXX. ONAGRACEÆ.

105. Epilobium, *Linn.* Willowherb.

255.* E. *angustifolium*, L. *Rosebay Willowherb.* Naturalized near Blackpool, Cork: *Mr. J. Drummond.*—*very rare.*

256. E. *hirsutum*, L. *Hairy Willowherb.* Dodgesglen and by the Lee.—*rather rare.*

257. E. *parviflorum*, Schr. *Small-flowered Willowherb.* Glasheen—*general.*

258. E. *montanum*, L. *Broad-leaved Willowherb.* Evergreen.—*common.*

259. E. *palustre*, L. *Marsh Willowherb.* Summerstown, and other bogs.—*common.*

260. E. *tetragonum*, L. *Square-stalked Willowherb.* Ballyphehane, and other bogs and marshes.—*common.*

106. Circæa, *Linn.* Enchanters-nightshade.

261. C. *lutetiana*, L. *Common Enchanters-nightshade.* By the Mardyke and in woods and shady spots.—*common.*

262. C. *alpina*, L. *Alpine Enchanters-nightshade.* In a church yard at Skibbereen; in Muskery: *Mr. J. Drummond.*—*rather rare.*

Order XXXI. HALLORAGEÆ.

107. Myriophyllum, *Linn.* Watermilfoil.

263. M. *verticillatum*, *Whorled Water-milfoil.* Ballyphehane bog, Dunsfort bog, Midleton, and other bogs.—*rather rare.*

264. M. *spicatum*, L. *Spiked Water-milfoil.* The Lough of Cork; Blarney bog, and pools.—*common.*

108. Hippuris, *Linn.* Marestail.

265. H. *vulgaris*, L. *Common Marestail.* Ballycotton, and near Youghal: *Mr. J. Drummond.* Great Island, station destroyed: *Dr. Scott.* Coppingerstown bog near Midleton: *Dr. Power.* Derry, Carbery: *Mr. R. W. Townsend.*—*rather rare.*

109. Callitriche, *Linn.* Water-starwort.

266. C. *verna*, L. *Vernal Water-starwort.* Ballyphehane and other bogs.—*common.*

267. C. *platycarpa*, Kutz. *Broadfruited Water-starwort.* Pools at Blarney, and probably many other parts of the county: *Mr. C. C. Babington.*—*rare.*

268. C. *pedunculata*, D.C. *Pedunculated Water-starwort.* Near Clonakilty: *Mr. C. C. Babington.* Probably in other places.—*rare.*

269. C. *autumnalis*, L. *Autumnal Water-starwort.* In a pool near the East Ferry, Great Island: *Dr. Scott.* I have not met it.—*rather rare.*

Order XXXIII. PORTULACEÆ.

110. Montia, *Linn.* Blinks.

270. M. *fontana*, L. *Water Blinks.* Ballyphehane and in bogs.—*common.*

Order XXXIV. SCLERANTHACEÆ.

111. Scleranthus, *Linn.* Knawel.

271. S. *annuus*, L. *Annual Knawel.* In cultivated ground near Cork: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Near Carrigaline: *Mr. Alexander.* Near Rathpeacon, Cork: *Mr. D. Murray.* Castletreasure hill, near Douglas: cliffs near Cove: *Dr. Power.*—*rather rare.*

Order XXXV. CRASSULACEÆ.

112. Sedum, *Linn.* Orpine. Stonecrop.

272. S. *rhodiola*, D.C. *Roseroot Orpine.* Hungry hill, near Bantry: *Mr. J. Drummond.* The only place it has been observed.—*rare.*

273.† S. *telephium*, L. *Livelong Orpine.* Near Mallow and Doneraile: *Dr. C. Smith.* Near Carrigaline: *Mr. J. Drummond.* On a cliff at Whitepoint, Cove; In a twigyard by George IV. bridge, Cork: *Dr. Power.* Apparently native in all these stations.—*rather rare.*

274.* S. *album*, L. *White Stonecrop.* On a cliff at Summerhill, Cork: *Mr. D. Murray.* Evidently an outcast from a garden and not truly native.—*very rare.*

275. *dasyphyllum*, L. *Thick-leaved Stonecrop.* On an old wall near Blarney Castle: *Dr. C. Smith.* Walls at Sundays Well, Cork: *Mr. J. Drummond.* On limestone rocks and walls at Broomfield,

Midleton: *Dr. Power*. These are its only Irish stations.—*very rare.*

276. S. *anglicum*, Huds. *English Stonecrop*. On rocks at Rathpeacon; Monkstown, and by the coast.—*common.*

277. S. *acre*, L. *Biting Stonecrop. Wall Pepper*. Sundays Well, Douglas, Friars Walk, Ballycotton.—*rather rare.*

278.* S. *reflexum*, L. *Crooked Stonecrop*. On the walls of an old castle, near Mallow: *Mr. J. Drummond*. By the Blackrock road. Probably not truly native.—*rather rare.*

279.* S. *glaucum*, Donn. *Glaucous Stonecrop*. By a stream at Sundays Well; (destroyed.) Wall at Upper Glasheen, Cork; *Mr. J. Drummond*. It still exists in the last station.—*very rare.*

113, Sempervivum, *Linn*. Houseleek.

280.* S. *tectorum*, L. *Common Houseleek*. On housetops.—*general.*

114. Cotyledon, *Linn*. Pennywort.

281. C. *umbilicus*, L. *Wall Pennywort*. Gill Abbey, and shady rocks.—*common.*

Order XXXVI. GROSSULACEÆ.

115. Ribes, *Linn*. Gooseberry. Currant.

282.* R. *grossularia*, L. *Common Gooseberry*. In several parts of the county, naturalized: *Mr. J. Drummond*. Rocks at Inchageela, and by the Lee: *Mr. Alexander*.—*rather rare.*

283.* R. *nigrum*, L. *Black Currant*. In the county Cork, in many places, naturalized: *Mr. J. Drummond*.—*rare.*

284.* R. *rubrum*, L. *Red Currant*. Naturalized in some parts of the county: *Mr. J. Drummond*.—*very rare.*

Order XXXVII. SAXIFRAGACEÆ.

116. Saxifraga, *Linn*. Saxifrage.

285. S. *umbrosa*, L. *London-pride Saxifrage*. On rocks in the west of the county, common: *Dr. C. Smith*. On rocks by the Lee, close above Inniscarra bridge: *Mr. J. Drummond*. In woods at Glengariff: *Mr. J. T. Mackay*. Ballydavelin hill, Carbery: *Mr. R. W. Townsend*. It is still to be found at Inniscarra.—*rare.*

286. S. *hirsuta*, L. *Hairy Saxifrage*. On the Gougawnborragh mountains: *Mr. J. Drummond*. On Hungry hill, near Bantry: *Mr. C. C. Babington*. In the West Riding only.—*rather common.*

287. S. *geum*, L. *Kidney Saxifrage*. On mountains between Gougawnborragh and Bantry: *Mr. J. Drummond*. Priestsleap and other mountains near Bantry: *Mr. J. T. Mackay*. Not found in the East Riding; in the West *rather general.*

288. S. *tridactylites*, L. *Riceleaved Saxifrage*. On walls at Evergreen and Fairhill, Cork; and on dry and limestone soils.—*general.*

289.* S. *granulata*, L. *White Saxifrage*. On a bank near the Rockclose, Blarney, with double flowers. Scarcely wild.—*rare.*

117. Chrysosplenium, *Linn*. Golden-saxifrage.

290. C. *oppositifolium*, L. *Common Golden-saxifrage*. Dodgesglen and by rivulets and springs.—*very common.*

Order XXXVIII. UMBELLIFERÆ or APIACEÆ.

Sub-Order. I. ORTHOSPERMÆ.

Tribe I. *Hydrocotyleæ.*

118. HYDROCOTYLE, *Linn.* WHITEROT.

291. H. *vulgaris*, L. *Common Whiterot.* Ballyphehane and other bogs and marshes.—*very common.*

Tribe II. *Saniculeæ.*

119. SANICULA, *Linn.* SANICLE.

292. S. *europæa*, L. *Wood Sanicle.* Lota, Blarney and woods.—*common.*

120, ERYNGIUM, *Linn.* ERYNGO.

293. E. *maritimum*, L. *Sea Eryngo. Sea Holly.* On the strand at Corkbeg; near the harbour of Youghal: *Dr. C. Smith.* Ballycotton strand: *Mr. J. Drummond.* Ringpoint and Clonpriest, both near Youghal: *Dr. Power.* By the coast.—*rather rare.*

Tribe III. *Ammineæ.*

121. APIUM, *Linn.* CELERY.

294. A. *graveolens*, L. *Wild Celery. Smallage.* Monarea marsh, and other salt marshes throughout the county.—*common.*

122. PETROSELINUM, *Hoffm.* PARSLEY.

295.† P. *sativum*, Hoff. *Common Parsley.* On the walls of an old castle at Inchageela; Timoleague, and Carrignavar; and on rocks above and below Cork: *Mr. J. Drummond.* Blarney Castle and Monkstown hill: *Mr. Alexander.* Rocks in the Little Island: *Mr. D. Murray.* Rocks on Haulbowline Island: *Dr. Power.*—*rather rare.*

123. HELOSCIADIUM, *Koch.* MARSHWORT.

296. H. *nodiflorum*, Koch. *Procumbent Marshwort.* By the Dyke.—*common.*

297. H. *repens*, Koch. *Creeping Marshwort.* In a marsh near Inniscarra: *Mr. J. Drummond.* By the Lee, above the County Jail: *Mr. Alexander.* Bogs near Rathpeacon, Cork: *Mr. D. Murray.* In streams by the Bride: *Dr. Power.*—*rather rare.*

298. H. *inundatum*, Koch. *Least Marshwort.* Dodgesglen, and bogs.—*common.*

124. ÆGOPODIUM, *Linn.* GOUTWEED.

299.* Æ. *podagraria.* L. *Common Goutweed.* Ballyphehane demesne: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Lota wood; old orchard, Friar's walk: *Mr. Alexander.* Evergreen: *Mr. D. Murray.* Ballycrana, near Midleton: *Dr. Power.* Naturalized.—*rare*

125. CARUM, *Linn.* CARAWAY.

300.* C. *carui*, L. *Common Caraway.* On rubbish near the Corn Market: *Dr. Power.* By villages, naturalized.—*rather rare.*

301. C. *verticillatum*, Koch. *Whorled Caraway.* Near Bantry Bay: *Mr. W. Wilson.* This is its only known station in Ireland.—*very rare.*

126. BUNIUM, *Linn.* EARTHNUT.

302. B. *flexuosum*, With. *Common Earthnut.* Dodgesglen, and banks.—*common.*

127. PIMPINELLA, *Linn.* BURNET-SAXIFRAGE.

303. P. *magna*, L. *Greater Burnet-saxifrage.* In plenty about Cork: *Dr. C. Smith.* Friars Walk. Cork: *Dr. W. Wade.* About Youghal: *Miss Ball.* About Cork.—*common*, in other parts of the county.—*rare.*

304. P. *saxifraga*, L. *Common Saxifrage.* Near Fermoy: *Mr. J. Drummond.* Ballinamought and Ballynoe, near Cork: *Mr. D. Murray.* At Dungourney, near Midleton; Curriglass; Cooil, near Cork: *Dr. Power.* Around Youghal: *Miss Ball*—*rather common.*

128. SIUM, *Linn.* WATER-PARSNIP.

305.? S. *latifolium*, L. *Broad-leaved Waterparsnip.* Near Cork: *Mr. J. Drummond, Rev. Dr. Hincks.* The particular station is not given, and it has been met with by no other botanists.—*very rare.*

Tribe IV. *Seselineæ.*

129. ŒNANTHE, *Linn.* WATER-DROPWORT.

306. Œ. *fistulosa*, L. *Common Water-dropwort.* Ballyphehane.—*common.*

307. Œ. *Lachenalii*, Gmel. *Parsley Water-dropwort.* (*Œ. pimpinelloides, M.F.H.*) Marsh near Castletown, Berehaven: *Mr. J. Drummond.* In a salt marsh, next Youghal Bridge; *Dr. Power.*—*rare.*

308. Œ. *crocata*, L. *Hemlock Water-dropwort.* In many parts of the county: *Dr. C. Smith.* By the Mardyke and in streams.—*common.*

309.? Œ. *phellandrium*, L. *Fine-leaved Water-dropwort.* In the county Cork, (no station given:) *Mr. J. Drummond*, in the Rev. Dr. Hincks' MS. notes. Great Island: *Dr. Scott.* I have never met with it. Could a fine-leaved variety of the preceding species, which is common in the Great Island, and not noticed in Dr. Scott's list, have been mistaken for this?—*very rare.*

130. ÆTHUSA, *Linn.* FOOLS-PARSLEY.

310. Æ. *cynapium*, L. *Common Fools-parsley.* Evergreen, and on rubbish, and by roads, in dry and sandy soils.—*rather common.*

131. FŒNICULUM, *Hoffm.* FENNEL.

311. F. *officinale*, All. *Common Fennel.* (*F. vulgare, M.F.H.*)

Blackrock; Little Island; Whitepoint, Cove; and on limestone soils.—*rather common.*

132. Crithmum, *Linn.* Samphire.

312. C. *maritimum*, L. *Sea Samphire.* Little Island; Whitepoint, Cove; and on rocks by the coast.—*rather rare.*

Tribe V. *Angeliceæ.*

133. Angelica, *Linn.* Angelica.

313. A. *sylvestris*, L. *Wild Angelica.* By the Mardyke, and in marshes.—*common.*

134. Archangelica, *Hoffm.* Angelica.

314.* A. *offinalis*, Hoff. *Garden Angelica, (Angelica, archangelica M.F.H.)* In a cultivated field at Ballinlough. On rubbish at Clonmult, Midleton: *Dr. Power.* Scarcely naturalized.—*very rare.*

Tribe VI. *Pucedaneæ.*

135. Pastinaca, *Linn.* Parsnip.

315. P. *sativa*, L. *Wild Parsnip.* Strand of the Little Island: *Mr. J. Drummond.* Near Whitepoint, Cove: *Mr. Alexander.* Still in both stations.—*rare.*

136. Heracleum, *Linn.* Cow-parsnip.

316. H. *spondylium*, L. *Common Cow-parsnip.* Gill Abbey, &c.—*very common.*

Tribe VII. *Daucineæ.*

137. Daucus, *Linn.* Carrot.

317. D. *carota*, L. *Wild Carrot.* Glasheen and in pastures.—*very common.*

318. D. *maritima*, With. *Sea Carrot.* Strand near Timoleague: *Mr. J. Drummond.*—*very rare.*

Sub-Order II. CAMPYLOSPERMÆ.

Tribe VIII. *Caucalineæ.*

138. Torilis, *Adans.* Hedge-parsley.

319. T. *anthriscus*, Gært. *Upright Hedge-parsley.* Glasheen, and on banks, and by fences.—*very common.*

320.? T. *infesta*, Spr. *Spreading Hedge-parsley.* Near Cork: *Rev. Dr. Hincks.* I have never met with it, and have not heard of its having been recently found in the county.—*very rare.*

321. T. *nodosa*, Gært. *Knotted Hedge Parsley.* Near Carrigaline; Great Island; Blackrock; Glasheen; and by roads.—*rather rare.*

Tribe IX. *Scandicineæ.*

139. Scandix, *Linn.* Shepherds-needle.

322. S. *pecten-veneris*, L. *Common Shepherds-needle. Venus'-comb.* Ballinlough; Glasheen; and in corn fields.—*very general.*

140. Anthriscus, *Hoffm.* Beaked-parsley.

323. A. *sylvestris*, Hoff. *Wild Beaked-parsley.* Evergreen, &c.—*common.*

324.? A. *vulgaris*, Pers. By an old castle near Carrigaline: *Mr. J. Drummond.* This plant has not been recently found.—*very rare.*

Tribe X. *Smyrneæ.*

141. Conium, *Linn.* Hemlock.

325. C. *maculatum*, L. *Common Hemlock.* Glasheen; Carrigrohane; Little Island; and on dry and waste places.—*rather common.*

142. Smyrnium, *Linn.* Alexanders.

326. S. *olusatrum*, L. *Common Alexanders.* On cliffs at the North Abbey, Cork; on limestone soils, and by villages.—*general.*

Order XXXIX. ARALIACEÆ.

143. Hedera, *Linn.* Ivy.

327. H. *helix*, L. *Common Ivy.* Gill Abbey, and by old walls and trees, and on fences. There is a wide-leaved variety, which is peculiar to Ireland, and perhaps a distinct species—*common.*

Subclass III. COROLLIFLORÆ.

Order XLII. CAPRIFOLIACEÆ.

144. Sambucus, *Linn.* Elder.

328.† S. *ebulus*, L. *Dwarf Elder.* On the lands of Rathpeacon, near Cork; and elsewhere: *Dr. C. Smith.* Common near Cork: *Mr. J. Drummond.* In Blarney between the castle and lake: *Mr. Alexander.* By the road to Carrigaline castle: *Mr. D. Murray.* On a hedge bank near Woodside; and near the Cork Work House: *Dr. Power.* Although set down by Mr. Drummond as common, it is now not easily met with, and may be said to be *rare.*

329. S. *nigra*, L. *Common Elder.* Evergreen, and on old hedge-banks.—*common.*

145. Viburnum, *Linn.* Guelder-rose.

330. V. *opulus*, L. *Common Guelder-rose.* Moist woods and hedges: *Mr. J. Drummond.* Under Mountdesart, Cork, and by the Lee: *Mr. Alexander.* Blarney woods, and Roxborough bogs near Midleton: *Dr. Power.*—*rather rare.*

146. Lonicera, *Linn.* Woodbine.

331. L. *periclymenum*, L. *Common Woodbine.* In Dodgesglen, and on old trees and fences throughout the county.—*very general.*

Order XLIII. RUBIACEÆ.

147. Sherardia, *Linn.* Field-madder.

332. S. *arvensis*, L. *Blue Field-madder.* Near Hydepark; Ballinlough; and in dry and limestone soils in several places.—*general.*

148. Asperula, *Linn.* Woodruff.

333.? A. *cynanchica*, L. *Small Woodruff.* In the county, no station given: *Mr. J. Drummond.* Near Youghal: *Miss Ball.* I have never met it.—*very rare.*

334. A. *odorata*, L. *Sweet Woodruff.* Lota, Blarney, and other woods.—*common.*

149. Galium, *Linn.* Bedstraw.

335. G. *palustre*, L. *Water Bedstraw.* Summerstown and other bogs.—*very common.*

336. G. *Witheringii*, Hook. Mountains near Castletown, Berehaven: *Mr. J. Drummond.*—*rare.*

337. G. *saxatile*, L. *Heath Bedstraw.* Dodgesglen and dry barren soils.—*very common.*

338. G. *pusillum*, L. *Least Bedstraw.* On cliffs near Rennie bay and near Carlisle Fort, Cork Harbour: *Mr. W. C. Nash.* Mr. N. is the only person who has found this plant in our county.—*very rare.*

339. G. *uliginosum*, L. *Marsh Bedstraw.* Evergreen, and in hedges.—*very common.*

340. G. *aparine*, L. *Goosegrass Bedstraw.* Evergreen, and in hedges.—*common.*

150. Rubia, *Linn.* Madder.

341. R. *peregrina*, L. *Wild Madder.* On cliffs near Passage and Cove, and along the coast of the county: *Mr. J. Drummond.* Little Island; Blackrock; and near Dunscombes wood: *Mr. Alexander.* Along the coast.—*rather common.*

Order XLVI. VALERIANACEÆ.

151. Centranthus, *De Cand.* Valerian.

342.* C. *ruber* D.C. *Red Valerian.* (*Valeriana rubra, M.F.H.*) On rocks and walls at Sundays Well; the Brickfields and other places around the city, plentiful; elsewhere in the county, *very rare.*

152. Valeriana, *Linn.* Wild-valerian.

343. V. *officinalis*, L. *Great Wild-Valerian.* Glasheen, and other bogs.—*common.*

344. V. *sambucifolia*, Mikan. *Elder-leaved Wild-Valerian.* "*Valeriana folio angustiore Rivini, Raii, Syn.* Found in plenty in a wood near Kanturk, also, near the wood of Upper Glanmire:" *Dr. C. Smith.* This is most probably the plant meant by Smith.—*very rare.*

153. VALERIANELLA, *Mœnch*. CORN-SALLAD.

345. V. *olitoria*, Mœnch. *Common Corn-sallad.* *(Fedia, M.F.H.)* About Gill Abbey; Ballinlough; and in corn on dry and limestone soils.—*common.*

346. V. *auricula*, D.C. *Sharp-fruited Corn-sallad.* Near the western head of Clonakilty Bay: *Mr. C. C. Babington.—very rare.*

347. V. *dentala*, Deitr. *Narrow-fruited Corn-sallad.* Fields near Monkstown: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Ballinlough, near Cork: *Mr. Alexander.* Little Island: *Dr. Power—rather rare.*

Order XLV. DIPSACEÆ.

154. DIPSACUS, *Linn*. TEASEL.

348. D. *sylvestris*, L. *Wild Teasel.* About Cork: *Dr. C. Smith* Near Passage: *Mr. J. Drummond.* Whitepoint, Cove: *Dr. Scott.* Lower Glanmire road: *Mr. Alexander.* Factory hill, Cork; and near Carrigtwohill: *Dr. Power.* Generally on dry sandy or limestone soils.—*rather rare.*

155. KNAUTIA, *Coult*. FIELD-SCABIOUS.

349. K. *arvensis*, Coult. *Common Field-scabious.* About Glasheen, Ballinlough, and in corn fields.—*very common.*

156. SCABIOSA, *Linn*. SCABIOUS.

350. S. *succisa*, L. *Devilsbit Scabious.* By the Mardyke, and in moist and barren pastures throughout the county.—*very common.*

Order XLVI. COMPOSITÆ or ASTERACEÆ.

Suborder I. EUPATORIACEÆ.

Tribe I. *Eupatorieæ*

157. EUPATORIUM, *Linn*. HEMP-AGRIMONY.

351. E. *cannabinum*, L. *Common Hemp-agrimony.* By Glasheen, and other streams, and in bogs and along the coast.—*very general.*

Tribe II. *Tussilagineæ.*

158. PETASITES, *Gært*. BUTTERBUR.

352. P. *vulgaris*, Desf. *Common Butterbur.* Near Carrigrohane, Blarney, Douglas, and in moist and waste places.—*rather common.*

159. TUSSILAGO, *Linn*. COLTSFOOT.

353. T. *farfara*, L. *Common Coltsfoot.* At Ballinamought and Inchigaggin, and on moist clayey soils.—*very common.*

Suborder II. ASTEROIDEÆ.

Tribe I. *Astereæ.*

160. ASTER, *Linn.* STARWORT.

354. A. *tripolium*, L. *Sea Starwort.* Monarea, Douglas, and other salt marshes throughout the county.—*very general.*

161. BELLIS, *Linn.* DAISY.

355. B. *perennis*, L. *Common Daisy.* By the Mardyke, &c.—*very common.*

162. SALIDAGO, *Linn.* GOLDENROD.

356. S. *virgaurea*, L. *Common Goldenrod.* Dodgesglen, and on barren soils.—*common.*

Tribe II. *Inuleæ.*

163. INULA, *Linn.* ELECAMPANE.

357. I. *helenium*, L. *Common Elecampane.* "Near Macroom, and on the banks of the river Lee; in a marshy field near the Leap, in West Carbery; also in plenty on Cape-clear Island:" *Dr. C. Smith.* Near Carrigafouky castle; sea shore near Bantry and by the river Sullane: *Mr. J. Drummond.* About Rosscarbery: *Mr. R. W. Townsend.* Not found in the East Riding; in the West, *rather rare.*

358. I. *crithmoides*, L. *Samphire Elecampane or Golden Samphire. (Limbarda, M.F.H.)* On rocks by the shore near Castlefreke: *Mr. R. W. Townsend.* The only station in the county.—*very rare*

164. PULICARIA, *Gært.* FLEABANE.

359. P. *dysenterica*, L. *Common Fleabane.* By Glasheen stream and Lee; about Youghal, Killeagh, Ballycotton, and on clayey soils.—*rather general.*

Suborder III. SENECIONIDEÆ,

Tribe I. *Heliantheæ.*

165. BIDENS, *Linn.* BUR-MARIGOLD.

360. B. *tripartita*, L. *Trifid Bur-marigold.* Great Island: *Dr. Scott.* About Ballinhassig, and pools by the Lee: *Mr. Alexander.* By the river at Midleton, and in a pool near Carrigaline Castle: *Dr. Power.* Near Rafeen, Monkstown: *Mr. D. Murray.*—*rather rare.*

361. B. *cernua*, L. *Nodding Bur-marigold.* Ballyphehane bog; by the Lough, and in swampy and marshy places.—*rather common.*

Tribe II. *Anthemideæ.*

166. ANTHEMIS, *Linn.* CHAMOMILE.

362. A. *arvensis*, L. *Corn Chamomile.* North of Cusquinny, Great Island: *Dr. Scott.* Near Carrigaline: *Mr. D. Murray.* Near Ringaskiddy; and Shanbally, Monkstown: *Dr. Power.*—*rather rare.*

363. A. *anglica*, Spr. *Sea Chamomile.* (A. *maritima*, *M.F.H.*) Near Merino, Great Island: *Rev. Dr. Hincks.* Berehaven near Bantry: *Mr. W. Wilson.* I have not met it, but probably passed it unobserved.—*very rare.*

364. A. *cotula*, L. *Stinking Chamomile.* Cornfields near Cork: *Mr. J. Drummond.* On high land north of Cuequinny, Great Island: *Dr. Scott.* About Capwell and Ballyvolane: *Dr. Power.* Ballynoe, near Cork: *Mr. D. Murray.*—*rather rare.*

365. A. *nobilis*, L. *Common Chamomile.* In Barryroe near Galley-head: *Dr. C. Smith.* By the Lee, near Inniscarra; near Bandon; and the south-western parts of the county: *Mr. J. Drummond.* By the south side of the Lough of Cork, very sparingly: *Dr. Power.*—*rather rare.*

167. Achillea, *Linn.* Yarrow.

366. A. *ptarmica*, L. *Sneezewort Yarrow.* Marshes about Inchageela: *Mr. J. Drummond.* By the old Kinsale road, beyond Ballinhassig: *Mr. Alexander.* Near Ballinhassig by the old road, at the Cork side: *Mr. D. Murray.* South side of Priestaleap mountain: *Mr. W. C. Nash.* In the West Riding, *rather general*, in the East, *rare.*

367. A. *millefolium*, L. *Millefoil Yarrow.* About Glasheen, and in dry pastures, and on hedge-banks.—*very common.*

168. Chrysanthemum, *Linn.* Ox-eye.

368. C. *leucanthemum*, L. *White Ox-eye.* About Glasheen and in fields.—*very common.*

369. C. *segetum*, L. *Yellow Ox-eye. Corn Marigold.* Evergreen, and in corn.—*very common.*

169. Pyrethrum, *Sm.* Feverfew.

370.† P. *parthenium*, Sm. *Common Feverfew.* Under Blackrock Castle, and at Ballinhassig, near the Mills: *Mr. Alexander.* Near Whitepoint; Belvelly Castle, and East Ferry, Great Island; *Dr. Power.* By Ross Bay: *Mr. W. C. Nash.* Apparently truly native.—*rather rare.*

371. P. *inodorum*, Sm. *Mayweed Feverfew.* Evergreen, and by roads.—*very common.*

372. P. *maritimum*, Sm. *Seaside Feverfew.* At Rocksavage, near Cork: *Mr. J. Drummond.* It has not been found in the county by any other botanist.—*very rare.*

170. Matricaria, *Linn.* Wild-chamomile.

373.? M. *chamomilla*, L. *Wild-chamomile.* Cornfields near Cork: *Mr. J. Drummond.* About Cove and Carrigaline: *Mr. Alexander.* Might the *Anthemis arvensis*, which grows in these stations, have been mistaken for this plant, as it has been found by no other observers although frequently sought for.—*very rare.*

171. Artemisia, *Linn.* Wormwood.

374. A. *absinthium*, L. *Common Wormwood.* In Carbery: *Dr. C. Smith.* Cape-clear Island: *Mr. J. Drummond.* At the East

Ferry, Great Island: *Dr. Scott.* Little Island: *Mr. Alexander.* Ballyvodock, near Midleton; and Ballycotton: *Dr. Power.—rather rare.*

375. A. *vulgaris*, L. *Mugwort Wormwood.* About Ballinlough and Glasheen, and by roads, and on rubbish.—*very common.*

376.? A. *maritima*, L. *Sea Wormwood.* "It grows in great quantity on the sea coasts of this county:" *Dr. C. Smith.* Not observed lately.—*very rare.*

172. Tanacetum, *Linn.* Tansy.

377. T. *vulgare*, L. *Common Tansy.* Ballinlough; Carrigtwohill; Kinsale; and in many parts of the county. Chiefly on limestone soils.—*rather rare.*

Tribe III. *Gnaphalieæ.*

173. Filago, *Linn.* Cudweed.

378. F. *germanica*, L. *Common Cudweed.* (*Gnaphalium, M.F.H.*) Dodgesglen and in dry sandy fields, and waste places by roads.—*very common.*

379. F. *minima.* Fries. *Least Cudweed.* (*Gnaphalium, M.F.H.*) By the river below Bandon: *Mr. J. Drummond.* Great Island: *Dr. Scott.* I have not met it in the county.—*very rare.*

174. Gnaphalium, *Linn.* Cudweed.

380. G. *uliginosum*, L. *Marsh Cudweed.* Ballyvolane, and wet sandy spots.—*common.*

381. G. *rectum*, Sm. *Upright Cudweed.* High pastures, frequent: *Mr. J. Drummond.* Dunbullogue, near Cork: *Mr. D. Murray.* Clonmult and Corbally, Barrymore: *Dr. Power.* Probably not uncommon on high and dry situations.—*rather rare.*

175. Antennaria, *R.Br.* Everlasting.

382. A. *dioica*, Gært. *Wild Everlasting.* (*Gnaphalium, M.F.H.*) On limestone rocks in the Little Island: *Mr. J. Drummond.* It still exists in this our only station for it.—*very rare.*

383.† A. *margaritacea*, R.Br. *Pearly Everlasting.* (*Gnaphalium, M.F.H.*) Near Bandon: *Mr. J. Drummond.* Clonmult, Barrymore: *Dr. Power.* Cape-clear Island: *Mr. R. W. Townsend.—very rare.*

Tribe IV. *Senecioneæ.*

176. Senecio, *Linn.* Groundsel. Ragwort.

384. S. *vulgaris*, L. *Common Groundsel.* Glasheen and on rubbish, and by roadsides.—*very common.*

385.? S. *viscosus*, L. *Stinking Groundsel.* Near the basin, Cork, not in flower: *Rev. Dr. Hincks.* Sandy waste ground about Cork: *Mr. J. T. Mackay.* It has not been recently found here—*very rare.*

386. S. *sylvaticus*, L. *Mountain Groundsel.* Dodgesglen; Ballyvolane; near Ballinhassig; and many parts of the county.—*rather common.*

387.† S. *squalidus*, L. *Inelegant Ragwort.* On walls and roofs of houses in the southern part of the city: *Mr. Alexander.* As this

plant was recorded as a native for the first time in 1839, it is probable that it was introduced in the interim between the publication of Mr. Drummond's list in 1820 and that period: however it is at present perfectly naturalized, and most abundant in all parts of the city and suburbs.—*very rare.*

388. S. *jacobæa*, L. *Common Ragwort.* Gill Abbey, and in pastures.—*very common.*

389. S. *aquaticus*, Huds. *Marsh Ragwort.* By the Mardyke and in bogs.—*common.*

390. S. *saracenicus*, L. *Broad-leaved Ragwort.* Woods at Bantry: *Mr. J. Drummond.*—*very rare.*

Suborder IV. CYNARACEÆ.

Tribe I. *Carlineæ.*

177. Carlina, *Linn.* Carline-thistle.

391. C. *vulgaris*, L. *Common Carline-thistle.* In the Little Island; *Mr. J. Drummond.* On the cliffs by the Passage road: *Mr. Alexander* Coppingerstown, near Midleton, on limestone crags; and on barren cliffs at Noval, Kinalea: *Dr. Power.* On Inchidony Island, Clonakilty Bay: *Mr. W. C. Nash.* Still in the first station.—*rather rare.*

Tribe II. *Centaureæ.*

178. Centaurea, *Linn.* Knapweed.

392. C. *nigra*, L. *Common Knapweed.* Glasheen and in pastures.—*very common.*

393.* C. *cyanus*, L. *Bluebottle Knapweed.* Cornfields: *Mr. J. Drummond, Mr. D. Murray.* In flaxfields: *Dr. Power.* Most probably introduced.—*very rare.*

394. C. *scabiosa*, L. *Great Knapweed.* Cornfields near Castlemartyr: *Mr. J. Drummond.* Ballinlough, Cork; near Kinsale; Little Island; and Bilberry, near Midleton; *Dr. Power.*—*rather rare.*

395.* C. *solstitialis*, L. *Star-thistle Knapweed.* One plant in a field of Lucerne, Summer hill, Cork: *Mr. J. Drummond.* The seed of this solitary plant must have evidently been introduced with the Lucerne as it is not a native of Ireland.—*very rare.*

Tribe III. *Carduineæ.*

179. Arctium, *Linn.* Burdock.

396. A. *lappa*, L. *Great Burdock.* Sundays well and by roads.—*very common.*

397. A. *minus*, Schk. *Lesser Burdock.* (A. *bardana, M.F.H.*) Ballyvodock, Midleton; and by roads and near villages; frequently overlooked.—*rather rare.*

180. Carduus, *Linn.* Thistle.

398. C. *nutans*, L. *Musk Thistle.* Waste ground Little Island: *Mr. J. Drummond.* Near Castletown, Berehaven: *Mr. W. C. Nash.* It is still to be found in the first station.—*very rare.*

399.? C. *acanthoides*, L. *Welted Thistle.* About Cork: *Rev. Dr. Hincks.* This has been found by no other botanist here.—*very rare.*

400. C. *tenuiflorus*, Curt. *Slender-flowered Thistle.* Brickfields; Carrigaline; Little Island; and near the coast.—*very common.*

401. C. *lanceolatus*, L. *Spear Thistle. (Cnicus, M.F.H.)* Evergreen. &c.—*very common.*

402. C. *arvensis*, Curt. *Creeping Thistle. (Cnicus, M.F.H.)* Shanakiel, &c.—*very common.*

403. C. *palustris*, L. *Marsh Thistle. (Cnicus, M.F.H.)* Ballyphehane, and in bogs.—*very common.*

404. C. *pratensis*, Huds. *Meadow Thistle. (Cnicus, M.F.H.)* Near Fermoy; on Cork mountain; and near Watergrasshill: *Mr. J. Drummond.* Near Cooil, Cork: *Mr. D. Murray.* Ballyphehane bog: *Dr. Power.*—*rather rare.*

Tribe IV. *Silybeæ.*

181. SILYBUM, *Gært.* MILK-THISTLE.

405. S. *marianum*, Gært. *Mary's Milk-thistle. (Carduus, M.F.H.)* Carrigrohane Castle, and Timoleague Abbey: *Mr. J. Drummond.* Near Ballygarvon: *Mr. Alexander.*—Little Island, and near Ballincollig Castle: *Dr. Power.*—*rather rare.*

Suborder V. CICHORACEÆ.

Tribe I. *Lapsaneæ.*

182. LAPSANA, *Linn.* NIPPLEWORT.

406. L. *communis*, L. *Common Nipplewort.* Evergreen, and on rubbish.—*common.*

Tribe II. *Hyoserideæ.*

183. CICORIUM, *Linn.* SUCCORY.

407. C. *intybus*, L. *Wild Succory.* Little Island: *Mr. J. Drummond.* Carrigrohane; and Hoddersfield, near Carrigaline: *Mr. Alexander.* Glounthaun, Barrymore: *Mr. D. Murray.* Ballydonna, Barrymore; and near Fermoy: *Dr. Power.*—*rather rare.*

Tribe III. *Hypochœrideæ.*

184. HYPOCHŒRIS, *Linn.* CAT'S-EAR.

408.? H. *glabra*, L. *Smooth Cat's-ear.* Roadside between Passage and Cove, 1804: *Mr. J. T. Mackay.* Near Cork, no station given, *Mr. J. Drummond.*—*very rare.*

409. H. *radicata*, L. *Common Cat's-ear.* Glasheen, and on fences.—*very common.*

Tribe IV. *Scorzoneræ.*

185. THRINCIA, *Roth.* THRINCIA.

410. T. *hirta*, D.C. *Hairy Thrincia.* Summer hill, near Cork:

Mr. D. Murray. Ballinacurra. near Midleton: *Dr. Power.* Probably often passed over.—*very rare.*

" " β. *dubia.* In Ballinacurra churchyard: *Dr. Power.* The only place it has been observed.—*very rare.*

186. Leontodon, *Linn.* Hawkbit.

411. L. *hispidum*, L. *Rough Hawkbit. (Apargia, M.F.H.)* Fields near Evergreen: *Mr. J. Drummond.* Near Ballinrea, Carrigaline: *Dr. Power.* Near Willsville: *Mr. D. Murray.* It may still be met in the two last stations.—*rather rare.*

187. Oporinia, *Don.* Hawkbit.

412. O. *autumnalis*, Don. *Autumnal Hawkbit. (Apargia, M.F.H.)* Near Blackrock; Little Island, and on fences and in pastures.—*rather common.*

188. Tragopogon, *Linn.* Goatsbeard.

413. T. *pratensis*, L. *Field Goatsbeard.* Fields near the Barracks: *Mr. J. Drummond.* By the road near Vosterberg: *Rev. Dr. Hincks.* Meadows at Glanmire: *Mr. Alexander.* I have only met it in Dr. Hincks' station.—*very rare.*

414.* T. *porrifolius*, L. *Purple Goats-beard. Salsify.* On a hedge-bank near St. Luke's Church, Cork: *Mr. D. Murray, Dr. Power.* By the shore at Cusquinny, Great Island: *Dr. Scott.* Probably an outcast.—*very rare.*

189. Picris, *Linn.* Picris.

415.? P. *hieracioides*, L. *Hawkweed Picris.* Near Cork, no station: *Mr. J. Drummond*, in the Rev. Dr. Hincks' manuscript notes.—*extremely rare.*

190. Helminthia, *Juss.* Ox-tongue.

416. H. *echioides*, Gært. *Bristly Ox-tongue.* Fields in the Little Island: *Mr. J. Drummond.* Near Bury's bridge, Factory hill, Cork: *Mr. D. Murray.—very rare.*

191. Taraxacum, *Juss.* Dandelion.

417. T. *officinale*, Wigg. *Common Dandelion. (Leontodon Taraxacum, M.F.H.)* Evergreen, and by roads, and in pastures and meadows.—*very common.*

" " δ. *palustre*, Sm. Ballyphehane and other bogs.—*rather rare.*

192. Crepis, *Linn.* Hawksbeard.

418. C. *virens*, L. *Smooth Hawksbeard.* Gill Abbey, and on walls.—*very common.*

419. C. *succisæfolia*, Tau. *Soft-leaved Hawksbeard. (Hieracium molle, M.F.H.)* Rocks near the river Sullane, county of Cork: *Mr. J. Drummond.—very rare.*

420. C. *paludosa*, Mœnch. *Marsh Hawksbeard. (Hieracium, M.F.H.)* Woods near the Lee, very rare: *Mr. J. Drummond.*

Glenbower wood, near Killeagh: *Dr. Power.* This is the only place I have met it.—*very rare.*

193. Sonchus, *Linn.* Sow-thistle.

421. S. *oleraceus*, L. *Common Sow-thistle.* Evergreen, and on walls.—*very common.*

422. S. *asper*, Hoff. *Prickly Sow-thistle.* Gill Abbey, and on rubbish.—*common.*

423. S. *arvensis*, L. *Corn Sow-thistle.* Ballinlough, and in corn.—*common.*

Tribe VI. *Hieraceæ.*

194. Hieracium, *Linn.* Hawkweed.

424. H. *pilosella*, L. *Mouse-ear Hawkweed.* Evergreen, and on walls.—*very common.*

425. H. *murorum*, L. *Wall Hawkweed.* Rocks near Bantry: *Mr. J. Drummond.*—*very rare.*

426. H. *cerinthoides*, L. *Honeywort Hawkweed.* "Either a variety of this or a new species very like it, is common in the counties of Cork and Kerry:" *Mr. J. Drummond.* I have not met it.—*rare.*

427. H. *boreale*, Fries. *Shrubby Hawkweed.* Woods at Glengariff: *Miss Hutchins.* Woods near Bantry: *Mr. J. Drummond.*—*very rare.* A variety with spotted leaves was also found in the woods of Glengariff by Miss Hutchins. Might this have been the H. *rigidum*, γ. *pictum*, noticed in Babington's Manual of British Botany?

Order XLVII. AMBROSIACEÆ.

195. Xanthium, *Linn.* Burweed.

428.* X. *strumarium*, L. *Broad Burweed.* Found in a potato-field attached to Mr. Mahony's Cloth Factory at Blarney. The seed was most probably imported in wool and put out with the manure; however, this plant may be a native of the county, as it is noticed by Dr. C. Smith, as growing naturally at Listowel in Kerry, not very distant from the bounds of our county.—*very rare.*

Order XLVII. CAMPANULACEÆ.

Tribe I. *Lobelieæ.*

196. Lobelia, *Linn.* Lobelia.

429. L. *dortmanna*, L. *Water Lobelia.* Alpine lakes in the county: *Mr. J. Drummond.* Coran lake, Carbery: *Mr. R. W. Townsend.* Lakes near Bantry: *Mr. C. C. Babington.* Not found in the East Riding; in the West, *rather rare.*

Tribe II. *Campanuleæ.*

197. Jasione, *Linn.* Sheeps-bit.

430. J. *montana*, L. *Common Sheeps-bit.* Dodgesglen and on barren soils and sandy banks.—*common.*

198. Campanula, *Linn.* Bellflower.

431.† C. *trachelium*, L. *Nettle Bellflower.* Wood at Vernonmount Cork; in a lane at Blackrock; *Mr. Alexander.* Seafield near Bantry: *Miss A. Taylor.* Probably an outcast from a garden.—*very rare.*

432. C. *rotundifolia*, L. *Round-leaved Bellflower. Harebell.?* Near Bantry, and on Hungry hill: *Mr. J. Drummond.* The only station.—*very rare.*

199. Specularia, *Heist.* Corn-Bellflower.

433.? S. *hybrida*, A. D.C. *Common Corn-bellflower. (Campanula, M.F.H.)* In a field near Monkstown: *Dr. Wood.* No other has found it.—*very rare.*

200. Wahlenbergia, *Schrad.* Bellflower.

434. W. *hederacea*, Reich. *Ivy-leaved Bellflower. (Campanula, M.F.H.)* In a barley field near Bandon: *Dr. W. Wade.* By the millstream at Kilbrittain near Bandon: *Dr. Vize.* By the Lee and Bandon rivers: *Mr. J. Drummond.* Near the Mardyke: *Rev. Dr. Hincks.* On the bank of the Lee opposite Carrigrohane Castle: *Mr. D. Murray.* Still to be had in the latter station. A variety with white flowers is found above Inniscarra on the east side of the Lee: *Mr. J. Drummond.—very rare.*

Order XLVIII. ERICACEÆ.

Tribe I. *Arbuteæ.*

201. Arbutus, *Linn.* Strawberry-tree.

435. A. *unedo*, L. *Strawberry-tree.* "On the rocky mountains which divide this county from Kerry:" *Dr. C. Smith.* About Glengariff, and the mountains west of Bantry bay: *Dr. W. Wade.* By the lakes in the barony of Bere: *Mr. J. Drummond.* Ballyrizzard, Crookhaven: *Mr. R. W. Townsend.* As this has been considered a doubtful native, several and distant stations have been given for it. In the West Riding only.—*rather rare.*

Tribe II. *Ericeæ.*

202. Andromeda, *Linn.* Andromeda.

436. A. *polifolia*, L. *Marsh Andromeda.* Common in bogs in the county: *Mr. J. T. Mackay.* Marked, without station, by the Rev. Dr. Hincks as having been found by Miss Hutchins. Not latterly met with.—*very rare.*

203. Calluna, *Salisb.* Ling.

437. C. *vulgaris*, Sal. *Common Ling.* Rathpeacon and on heaths.—*very common.*

" " β. *tomentosa. Downy Ling.* At Ballyburden: *Mr. J. Drummond.—rare.*

204. Erica, *Linn.* Heath.

438. E. *tetralix*, L. *Cross-leaved Heath.* Ballyphehane and other moory bogs throughout the county.—*common.*

With white flowers at Gougawnbarra, south side of the lake: *Mr. J. Drummond.—rare.*

439.? E. *mackaiana*, Bab. *Mackay's Heath.* Dunmore, Clonakilty, 1839: *Mr. W. C. Nash.* Mr. C. C. Babington visited this station in August 1843, and could not find a trace of it. Mr. Nash supposes the station must have been destroyed by the quarrying for Baryta on the spot.—*very rare.*

440. E. *cinerea*, L. *Fine-leaved Heath.* Dodgesglen and on heaths.—*very common.*

With white flowers, at East Ferry and on mountains.—*rather rare.*

441.? E. *ciliaris*, L. *Ciliated Heath.* Dunowen, near Clonakilty 1839: *Mr. W. C. Nash.* Mr. N. states that the locality has been since ploughed up.—*very rare.*

205. Dabœcia, *D.Don.* St.-Dabeocs-heath.

442.? D. *polifolia*, D.D. *St.-Dabeocs-heath. (Menziesia, M.F.H.)* Hungry hill, 1835: *Mr. W. C. Nash.* Mr. C. C. Babington was unsuccesful in his search for this plant also: Mr. N. surmises the station may have been destroyed by the common practice of burning the heath.—*very rare.*

Tribe III. *Vaccineæ.*

206. Vaccinium, *Linn.* Whortleberry.

443. V. *myrtillus*, L. *Common Whortleberry. Bilberry.* Dodgesglen and woods.—*common.*

444. V. *oxycoccos*, *L. Marsh Whortleberry. Cranberry.* "Plentiful in most of our moorish boggy grounds:" *Dr. C. Smith.* Not noticed since.—*very rare.*

Order XLIX. ILECACEÆ.

207. Ilex, *Linn.* Holly.

445. I. *aquifolium*, L. *Common Holly.* Dodgesglen: Rathpeacon, and in old woods and uncultivated glens.—*very general.*

Order L. JASMINACEÆ.

208, Ligustrum, *Linn.* Privet.

446. L. *vulgare*, L. *Common Privet.* Dodgesglen, and in hedges.—*very general.*

209. Fraximus, *Linn.* Ash.

447. F. *excelsior*, L. *Common Ash.* Glanmire and other woods.—*very common.*

Order LI. APOCYNACEÆ.

210. Vinca, *Linn.* Periwinkle.

448.† V. *minor*, L. *Lesser Periwinkle.* Woods at Castlehyde,

Fermoy: *Mr. J. Drummond.* Blarney woods: *Mr. D. Murray.* Above a quarry near Myrtlehill terrace, Cork: *Dr. Power.* Probably only naturalized.—*very rare.*

449.* V. *major*, L. *Greater Periwinkle.* In woods, common: *Mr. J. Drummond.* Great Island: *Dr. Scott.* By the Lee, at Ardrum: *Mr. Alexander.* Glenbower wood, Killeagh: *Dr. Power.* Only naturalized.—*rather rare.*

Order LII. GENTIANACEÆ.

Tribe I. *Chloreæ.*

211. CHLORA, *Linn.* YELLOWORT.

450. C. *perfoliata*, L. *Perfoliate Yellowort.* By the road and shore at Whitepoint, Great Island: *Dr. Scott.* Our only station for it in the county.—*very rare.*

Tribe II. *Erythrææ.*

212. ERYTHRÆA, *Renealm.* CENTAURY.

451. E. *pulchella*, Fries. *Dwarf Centaury.* On Cape-clear Island: *Mr. J. Drummond.* Near Youghal: *Miss Ball.* On sands near the sea.—*very rare.*

452. E. *centaurium*, Pers. *Common Centaury.* Ballyvolane, and in pastures.—*common.*

453. E. *latifolia*, Sm. *Broad-leaved Centaury.* Near Youghal: *Miss Ball.*—*very rare.*

213. CICENDIA, *Adans.* GENTIANELLE.

454. C. *filiformis*, Reich. *Least Gentianelle.* *(Exacum, M.F.H.)* In the county of Cork: *Mr. J. Blashford, Dr. W. Wade.* Sandy turf bogs near Bantry: *Miss Hutchins, Mr. J. Drummond.* Not found in the East Riding.—*very rare.*

Tribe III. *Swertieæ.*

214. GENTIANA, *Linn.* GENTIA.

455. G. *campestris*, L. *Field Gentia.* Near Timoleague: *Mr. J. Drummond.* Limestone hill near Midleton: *Mr. Alexander.* Cliffs near Rennie bay: *Dr. Harvey.* Dunbullogue: *Mr. D. Murray.* I have seen it in the last station only.—*very rare.*

Tribe IV. *Menyantheæ.*

215. VILLARSIA, *Vent.* VILLARSIA.

456.* V. *nymphæoides*, Vent. *Common Villarsia.* In a drain near Vernonmount gate, Cork: *Mr. Alexander.* Certainly introduced—*very rare.*

216. MENYANTHES, *Linn.* BUCKBEAN.

457. M. *trifoliata*, L. *Common Buckbean.* In Ballyphehane and other bogs.—*common.*

Order LIII. POLEMONIACEÆ.

217. Polemonium, *Linn.* Jacobsladder.

458.* *caeruleum*, L. *Blue Jacobsladder.* Between Cork and Ballygarvon: *Mr. Alexander.* Certainly introduced, and not truly native.—*very rare.*

Order LIV. CONVOLVULACEÆ.

218. Convolvulus, *Linn.* Bindweed.

459. C. *arvensis*, L. *Small Bindweed.* Evergreen, and by fences.—*common.*

460. C. *sepium*, L. *Great Bindweed.* Ballinlough, and on hedge-banks.—*common.*

461. C. *soldanella*, L. *Sea Bindweed.* About Ballycotton: *Mr. J. Drummond.* On the Warren, Rosscarbery: *Mr. R. W. Townsend.* Only by the sea.—*very rare.*

219. Cuscuta, *Linn.* Dodder.

462.† C. *europæa*, L. *Greater Dodder.* On flax occasionally: *Mr. J. Drummond, Mr. D. Murray, Dr. Power.* Possibly introduced.—*very rare.*

463. C. *epilinum*, Weihe. *Flax Dodder.* In a flaxfield near Bantry: *Mr. C. C. Babington.*—*rare.*

Order LV. BORAGINACEÆ.

Tribe I. *Cynoglosseæ.*

220. Cynoglossum, *Linn.* Houndstongue.

464. C. *officinale*, L. *Common Houndstongue.* Near Whitegate: Cork harbour: *Rev. Dr. Hincks.* Near Douglas, by the new Carrigaline road; on the cliffs at Greenland, near Cable Island, *Dr. Power.*—*very rare.*

Tribe II. *Anchuseæ.*

221. Borago, *Linn.* Borage.

465.* B. *officinalis*, L. *Common Borage.* About Timoleague abbey: *Mr. J. Drummond.* On rubbish about Cork occasionally, a doubtful native.—*rare.*

222. Anchusa, *Linn.* Alkanet.

466.† A. *semparvirens*, L. *Evergreen Alkanet.* Hedges near Douglas: *Mr. J. Drummond.* Under Blarney castle: *Mr. Alexander.* Near old castles.—*rare.*

223. Lycopsis, *Linn.* Bugloss.

467.? L. *arvensis*, L. *Small Bugloss.* In a field near Evergreen, Cork: *Mr. J. Drummond.* No other botanist has found this plant in the county.—*very rare.*

224. Symhhytum, *Linn.* Comfrey.

468. S. *officinale*, L. *Common Comfrey.* Ballinlough, and by streams and in damp waste places.—*rather common.*

469. S. *patens*, Sibth. *Purple Comfrey.* By Glasheen stream,&c.—*common.*

470. S. *tuberosum*, L. *Tuberous Comfrey.* Near Evergreen and about Ballyphehane house: *Dr. Power.* Frequently passed over.—*very rare.*

Tribe III. *Lithospermeæ.*

225. Echium, *Linn.* Vipersbugloss.

471. E. *vulgare*, L. *Common Vipersbugloss.* In cornfields near Bantry: *Mr. J. Drummond.* By the Lee near Carrigrohane castle? *Mr. D. Murray.* I sought for this in the latter station, and could not succeed in finding it.—*very rare.*

226. Lithospermum, *Linn.* Gromwell.

472. L. *officinale*, L. *Common Gromwell.* Roadside near Lower Glasheen: *Mr. J. Drummond.* On a hedgebank at Inchigaggin, Cork: *Mr. Alexander.* On the rock of Roxborough, near Midleton: *Dr. Power.*—*very rare.*

473. L. *arvense*, L. *Corn Gromwell.* In corn at Ballinlough, and on dry sandy and limestone soils, in many places.—*rather common.*

227. Myosotis, *Linn.* Scorpiongrass.

474. M. *palustris*, With. *Water Scorpiongrass. Forget-me-not.* Ballyphehane and other bogs.—*common.*

475. M. *cæspitosa*, Schul. *Tufted Scorpiongrass.* Marshes in the Great Island: *Dr. Scott.* Lota and Ballynoe, Cork: *Mr. D. Murray.* Rathcooney and Ballyphillip, Cork: *Dr. Power.* In Carbery, common: *Mr. R. W. Townsend.* Frequently passed over.—*rather common.*

476. M. *arvensis*, Hoff. *Field Scorpiongrass.* Ballinlough, and dry fields.—*common.*

477. M. *versicolor*, Ehrh. *Variable Scorpiongrass.* Ballyphehane bog and in moist pastures, and on wall tops.—*rather common.*

Order LVI. SOLANACEÆ.

228. Solanum, *Linn.* Nightshade.

478. S. *nigrum*, L. *Black Nightshade.* Near the Abbey of Timoleague: *Mr. J. Drummond.* By the side of the Middle Glanmire road: *Mr. Alexander.* East Ferry, Great Island: *Dr. Scott.* I have not met this plant in the county.—*very rare.*

479. S. *dulcamara*, L. *Woody Nightshade. Bittersweet.* Hedges near Cork: *Mr. J. Drummond.* By the Traymore stream and Bishopsbrook, Cork: *Mr. Alexander.* Cliffs at Sundays Well and Passage, and by the Glasheen stream: *Dr. Power.* By the old Douglas road: *Mr. D. Murray.* Dunsfort bog, Midleton: *Mr. R. W. Townsend.*—*rather rare.*

229. Atropa, *Linn.* Nightshade. Dwale.

480.* A. *balladonna*, L. *Deadly Nightshade. Common Dwale.* At the southern end of Lota wood: *Mr. D. Murray.* Only naturalized.—*very rare.*

230. Hyoscyamus, *Linn.* Henbane.

481. H. *niger*, L. *Common Henbane.* Once found in abundance near the old castle of Carrigrohane; the old abbey of Timoleague; near Midleton and other places: *Mr. J. Drummond.* Near Cove: *Mr. Alexander.* On the Brick-island, Rossmore, Midleton, and by the shore at Ring, Youghal: *Dr. Power.* I have only met it in the two last stations.—*very rare.*

231. Verbascum, *Linn.* Mullein.

482. V. *thapsus*, L.? *Great Mullein.* Ballinlough, and on dry and sandy soils.—*rather common.*

483.† V. *blattaria*, L. *Moth Mullein.* On cliffs and rubbish near the City Jail, Cork; and near the strawberry-banks at Sundays Well: *Dr. Power.* Mr. Alexander gives the first of these places as a station for V. *virgatum*, which I have never met there; perhaps he has mistaken this plant for it, which I have observed to flourish there for several successive years.—*very rare.*

484. V. *virgatum*, With. *Primrose Mullein.* Fields near Evergreen: *Mr. J. Drummond.* Fields by the road at Cusquinny, Great Island: *Dr. Scott.* On cliffs and rubbish near the City Jail? *Mr. Alexander.* By Blackrock, new road: *Dr. Power.* In a quarry at Carrolina, Cork: *Mr. R. W. Moore.* This plant is generally found by new roads and quarries about Cork, and whereever the soil has been newly and deeply turned up.—*very rare.*

Order LVII. OROBANCHACEÆ.

232. Orobanche, *Linn.* Broomrape.

485. O. *major*, L. *Greater Broomrape.* Near Cork and Bandon: *Mr. J. T. Mackay.* On Broom, not common, Overton, Bandon: *Mr. J. Drummond.* On Broom hill near Leemount: *Mr. Alexander.* Mountdesart, on furze: *Dr. Power.* On old furze plants in brakes throughout the county.—*rather rare.*

486. O. *minor*, Sutt. *Lesser Broomrape.* Carrigrohane and Ballincollig castles, on ivy: *Mr. J. Drummond.* Barryscourt castle: *Dr. Power.*—*rather rare.*

233. Lathræa, *Linn.* Toothwort.

487. L. *squamaria*, L. *Great Toothwort.* By the river, Blarney; Wood at Convamore, Fermoy; and by the Blackwater: *Mr. J. Drummond.* Imogeely Park, Castlemartyr: *Dr. Power.*—*very rare.*

Order LVIII. SCROFULARIACEÆ.

234. Digitalis, *Linn.* Foxglove.

488. D. *purpurea*, L. *Purple Foxglove.* Dodgesglen, and hilly districts.—*very common.*

235. Antirrhinum, *Linn.* Snapdragon.

489.* A. *majus*, L. *Great Snapdragon.* Old walls at Blackrock and Sundays Well.—*not rare.*

490. A. *orontium*, L. *Lesser Snapdragon.* Near Monkstown: *Mr. J. Drummond.* Near the Ovens: *Rev. Dr. Hincks.* West of Cove: *Dr. Scott.* Near Leemount and Carrigrohane castle: *Mr. Alexander.* Little Island, and about Shanbally and Carrigaline castle: *Dr. Power.* Newtown, Rosscarbery: *Mr. R. W. Townsend.* On light soils.—*rather rare.*

236. Linaria, *Mill.* Toadflax.

491. L. *cymbalaria*, Mill. *Ivy-leaved Toadflax.* Sundays Well, and on walls about Cork, *rather general;* elsewhere, *rather rare.*

492. L. *elatine*, Mill. *Pointed Toadflax. Fluellen.* About Glasheen: *Mr. J. Drummond.* Near Cove: *Dr. Scott.* Near Ballinhassig; Carrigaline; and in Great Island: *Mr. Alexander.* About Monkstown and Shanbally: *Dr. Power.* Carbery: *Mr. R. W. Townsend.* On sandy and limestone soils.—*rather rare.*

493. L. *minor*, Desf. *Lesser Toadflax.* On rubbish and dry ground near City Jail: *Dr. Wood.* Where it may still be found.—*very rare.*

494. L. *repens*, Ait. *Creeping Toadflax.* By the river side below Bandon: *Mr. J. T. Mackay.* By the road between Bandon and Dunmanway: *Mr. J. Drummond.* Only found near Bandon.—*very rare.*

495. L. *sepium*, L. *Hedge Toadflax.* By the river, Bandon: *Dr. G. J. Allman.* This plant has been considered to be the L. *italica*, *Trev.* but Dr. G. J. Allman has shown that it differs from that plant, and most probably is the present species. *Trans. Roy. Irish Acad.*—*very rare.*

496. L. *vulgaris*, Mill. *Yellow Toadflax.* Sundays Well, and many places about Cork; Ballygarvon; Great Island. It is curious that this plant is found about Cork, whereever the ground has been deeply cut, as in making new roads, quarrying, &c.—*rather common.*

237. Scrophularia, *Linn.* Figwort.

497. S. *nodosa*, L. *Knotted Figwort.* About Glasheen, and moist places.—*very common.*

498. S. *aquatica*, L. *Water Figwort.* By Bandon river, and occasionally with white flowers: *Mr. J. Drummond.* Near Kinsale: *Mr. Alexander.* About Killeagh: *Dr. Power.*—*rather rare.*

238. Melampyrum, *Linn.* Cow-wheat.

499. M. *pratense*, L. *Common Cow-wheat.* Lota and other woods, and in thickets.—*common.*

239. Pedicularis, *Linn.* Redrattle.

500. P. *pulustris*, L. *Marsh Redrattle.* Ballyphehane and other bogs.—*very common.*

501. P. *sylvatica*, L. *Dwarf Redrattle.* Dodgesglen and moist pastures.—*very common.*

240. Rhinanthus, *Linn.* Yellowrattle.

502. R. *cristagalli*, L. *Common Yellowrattle.* Mardyke fields, and in bogs and moist meadows and marshes.—*very common.*

241. Trixago, *Stev.* Paintedcup.

503. T. *viscosa*, R. *Yellow Paintedcup. (Bartsia, M.F.H.)* Bogs at Cloghroe, near Cork: *Dr. W. Wade.* Ballylickey near Bantry, and southern parts of the county: *Mr. J. T. Mackay, Mr. J. Drummond.* Great Island: *Dr. Scott.* About Bandon, Kinsale, and Ballinhassig: *Mr. Alexander.* Near Midleton: and in Ballynoe and Ballinvorrig bogs, near Cork, in clayey soils.—*rather rare.*

242. Euphrasia, *Linn.* Eyebright.

504. E. *officinalis*, L. *Common Eyebright.* Glasheen, and in pastures.—*very common.*

505. E. *odontites*, L. *Red Eyebright. (Bartsia, M.F.H.)* Ballinlough and in corn.—*common.*

243. Veronica, *Linn.* Speedwell.

506. E. *scutellata*, L. *Marsh Speedwell.* Ballyphehane bogs: *Mr. J. Drummond.* In a bog by the Glanmire road: *Rev. Dr. Hincks* Great Island: *Dr. Scott.* By the Lee: *Mr. Alexander.* Ballynoe and Clonmult: *Dr. Power.*—*rather rare.*

507. V. *anagallis*, L. *Water Speedwell.* Ballyphehane and other bogs.—*common.*

508. V. *beccabunga*, L. *Brooklime Speedwell.* Glasheen stream and in pools and shallow rivulets.—*common.*

509. V. *chamædrys*, L. *Germander Speedwell.* Evergreen and by fences.—*common.*

510. V. *montana*, L. *Mountain Speedwell.* Vernonmount and in woods and shady groves.—*rather rare.*

511. V. *officinalis*, L. *Common Speedwell.* Dodgesglen and barren soils.—*common.*

512. V. *serpyllifolia*, L. *Thyme-leaved Speedwell.* Evergreen and by roads.—*common.*

513. V. *arvensis*, L. *Wall Speedwell.* Evergreen and on walls and dry sandy banks.—*very common.*

514. V. *agrestis*, L. *Field Speedwell.* Evergreen and in gardens and stubble fields.—*very common.*

515. V. *polita*, Fries. *Grey Speedwell.* Upper Glasheen, and about Shanbally, Monkstown; and Carrigaline castle.—*rather common.*

516. V. *Buxbaumii*, Ten. *Buxbaum's Speedwell.* In gardens about Evergreen, and off the Douglas road: *Mr. Alexander.* Near George IV. bridge: *Dr. Power.* Mr. A. first distinguished this plant, which is abundant about Cork and in flower all the year round, from V. *polita & agrestis*, with which it had been previously confounded. Plenty about Cork; elsewhere *rare.*

517. V. *hederifolia*, L. *Ivy-leaved Speedwell.* Evergreen and in gardens.—*very common.*

Order LIX. LABIATÆ or LAMIACEÆ.

Tribe I. *Menthoideæ.*

244. MENTHA, *Linn.* MINT.

518. M. *rotundifolia*, L. *Round-leaved Mint.* On a dry bank under Carlisle Fort: *Mr. J. T. Mackay.* Between Cove and Carrigaloe: *Dr. Scott.* Mountdesart: *Mr. Alexander.* Near Belvelly Castle, Great Island: *Dr. Power.—rare.*

519. M. *sylvestris*, L. *Horse Mint.* Near Carrigaline: *Mr. J. Drummond.—very rare.*

520. M. *pratensis*,? Sole. *Meadow Mint.* "*Mentha fusca sive vulgaris, Park.* Towards the head of the river Lee, near Lough Allua:" *Dr. C. Smith.—very rare.*

521. M. *piperita*, L. *Pepper Mint.* By the Lee near Carrigrohane castle: *Mr. J. Drummond.* No one else has found it there.—*very rare.*

522. M. *aquatica*, L. *Bog Mint.* (M. *hirsuta, M.F.H.*) Ballyphehane and other bogs and moist meadows.—*very common.*

523. M. *sativa* L. *α. vulgaris*, Bab. L. *Hairy Mint.* (M. *hirsuta, M.F.H.*) On Palace marsh and by sandy streams.—*common.*

" " *β. rubra*, Bab. *Red Mint.* (M. *rubra, M.F.H.*) Near Carrigrohane: *Mr. J. Drummond.—rare.*

524. M. *arvensis*, L. *Corn Mint.* Ballinlough and in corn.—*very common.*

525. M. *agrestis*, Sm. *Field Mint.* Near Youghal: *Miss Ball.—very rare.*

526. M. *pulegium*, L. *Pennyroyal Mint.* About Ballycotton: *Mr. J. Drummond.* Near Belvelly Castle, Great Island: *Mr. Alexander.* By the Lough of Cork: and near Kilbree, Imokilly: *Dr. Power.—rather rare.*

245. LYCOPUS, *Linn.* GIPSYWORT.

527. L. *europæus*, L. *Common Gipsywort.* Ballyphehane bog; Palace Marsh; Blarney lake; Great Island: By the Lee near Mountdesart.—*rather rare.*

Tribe II. *Monardeæ.*

246. SALVIA, *Linn.* SAGE. CLARY.

528. S. *verbenaca*, L. *English Clary or Sage.* Clay castle near Youghal: *Mr. J. Drummond.* At Ballinacurra, Midleton, on sandy soil by the river? *Mr. Alexander.* It is still to be found in the first station, I have not met it in the latter.—*very rare.*

Tribe III. *Satureineæ.*

247. ORIGANUM, *Linn.* MARJORAM.

529. O. *vulgare*, L. *Common Marjoram.* By the Kinsale old road: *Mr. J. Drummond.* Ballinacurra, near the churchyard, and on limestone crags at Coppingerstown, Midleton: *Dr. Power.—very rare.*

248. THYMUS, *Linn.* THYME.

530. T. *serpyllum*, L. *Wild Thyme.* Rocks at Rathpeacon, and along the coast.—*common.*

249. CALAMINTHA, *Mœnch.* CALAMINT.

531.? C. *nepeta*, Clair. *Lesser Calamint.* About Glandore on dry banks: *Mr. R. W. Townsend.* It has not been hitherto recorded as belonging to Ireland. I have not met it or seen specimens.—*very rare.*

532. C. *officinalis*, Mœnch. *Common Calamint.* On old walls: *Mr. J. Drummond.* On old ruins near Cork, and on limestone hills near Midleton: *Mr. Alexander.* Limestone rocks and old castle at Carrigaline; limestone crags at Shanbally, Monkstown; and Coppinger'stown, Midleton; Ballinacurra, near the Abbey; and by the shore of Oysterhaven, Kinsale: *Dr. Power.*—*rather rare.*

250. CLINOPODIUM, *Linn.* BASIL.

433. C. *vulgare*, L. *Wild Basil.* By a park-wall along the northern shore of Oysterhaven, near Kinsale, 1844: *Dr. Power.* I have heard of it nowhere else in the county.—*very rare.*

Tribe IV. *Melissineæ.*

251. MELLISA, *Linn.* BALM.

534.* M. *officinalis*, L. *Common Balm.* Near the rope-walk Sundays Well; near Belvelly Castle, Great Island; Strand at Carrigaline: *Dr. Power.*—*rare.*

Tribe V. *Scutellarieæ.*

252. SCUTELLARIA, *Linn.* SKULLCAP.

535. S. *galericulata*, L. *Common Skullcap.* Ballyphehane bog: *Mr. J. Drummond.*—Great Island: *Dr. Scott.* Mountdesart, and between Leemount and Blarney: *Mr. Alexander.* Shanakiel; by a rill, Castletreasure; and Ballinvorrig bogs, Cork: *Dr. Power.*—*rather common.*

536. S. *minor*, L. *Lesser Skullcap.* About Bandon in bogs: *Mr. Alexander.* Dunbullogue, in bogs; and at Castletreasure, by new road: *Dr. Power.*—*rather rare.*

253. PRUNELLA, *Linn.* SELFHEAL.

537. P. *vulgaris*, L. *Common Selfheal.* Glasheen and in pastures.—*very common.*

With white flowers about Dunbullogue, Cork: *Dr. Power.*—*very rare.*

Tribe VI. *Nepeteæ.*

254. NEPETA, *Linn.* CATMINT.

538. N. *cataria*, L. *Common Catmint.* By the old Abbey of Timoleague: *Mr. J. Drummond.*—*very rare.*

255. GLECHOMA, *Linn.* GROUNDIVY.

539. G. *hederacea*, L. *Common Groundivy.* By hedges at Glasheen and in thickets and by roads.—*very common.*

Tribe VII. *Stachydeæ.*

256. LAMIUM, *Linn.* DEADNETTLE.

540. L. *purpureum*, L. *Red Deadnettle.* Evergreen and by roads.—*common.*

541. L. *incisum*, Willd. *Cut-leaved Deadnettle.* Near Cork, no station given: *Rev. Dr. Hincks.* Between Cork and Blackrock, in cultivated ground: *Mr. Alexander.* I have not met with it.—*very rare.*

542. L. *album*, L. *White Deadnettle.* One plant near Evergreen: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Said to grow near Glentown and Glanmire. I have not met it—*very rare.*

257. LEONORUS, *Linn.* MOTHERWORT.

543. L. *cardiaca*, L. *Common Motherwort.* Between Foaty and Cork, and near Carrigaline: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Roadside at Belvelly Castle, Great Island: *Mr. Alexander.* This has not been recently found in Mr. D's stations which are probably destroyed; but still exists at Belvelly, which it is likely is Dr S.'s station also.—*very rare.*

258. GALEOPSIS, *Linn.* HEMPNETTLE.

544.? G. *ladanum*, L. *Red Hempnettle.* Near Cork, no station given: *Mr. J. Drummond*, in the Rev. Dr. Hincks' manuscript notes.—*very rare.*

545. G. *tetrahit*, L. *Common Hempnettle.* Evergreen and in corn.—*common.*

259. STACHYS, *Linn.* WOUNDWORT.

546. S. *betonica*, Benth. *Betony Woundwort. (Betonica officinalis, M.F.H.)* In the barony of Bere and Imokilly: *Mr. J. Drummond.* Who is the only authority for it.—*very rare.*

547. S. *sylvatica*, L. *Hedge Woundwort.* Gill Abbey and by hedges.—*common.*

548. S. *palustris*, L. *Marsh Woundwort.* Glasheen and by roads.—*common.*

549. S. *ambigua*, Sm. *Doubtful Woundwort.* Between Cork and Foaty: *Mr. J. Drummond.* Near Rosleague, Great Island: *Dr. Scott.* Clonmult and Kilcor, Barrymore: *Dr. Power.* A doubtful species.—*rather rare.*

550. S. *arvensis*, L. *Corn Woundwort.* About Glasheen: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Near Carrigaline; Shanbally; and Ballinrea: *Dr. Power.* On dry and barren soils by the coast.—*rather common.*

260. BALLOTA, *Linn.* HOREHOUND.

551. B. *fœtida*, Lam. *Black Horehound. (B. nigra, M.F.H.)*

Near Carrigaline: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Ballygarvon and Blackrock: *Mr. Alexander.* Sundays Well; East Ferry, and Belvelly Castle, Great Island: *Dr. Power.—rather rare.*

261. MARRUBIUM, *Linn.* HOREHOUND.

552. M. *vulgare*, L. *Common Horehound.* Strand near Carrigaline: *Mr. J. Drummond.* By a river, east side of the Great Island: *Dr. Scott.* By the shore, East Ferry: *Dr. Power.—rare.*

Tribe VIII. *Ajugoideæ.*

262. TEUCRIUM, *Linn.* GERMANDER.

553. T. *scorodonia*, L. *Wood Germander.* Dodgesglen and on old banks.—*common.*

554. T. *scordium*, L. *Water Germander.* "*Scordium legitimum, Park.* This grows near the river Bride east of Castlelyons; also in the county of Waterford on the same river:" *Dr. C. Smith.* "In a marsh near the river Bride east of Castlelyons; not in quantity and flowering late in August:" *Dr. W. Wade.* I diligently sought for this plant in August 1843, but was unsuccessful.—*very rare.*

555.? T. *scordioides*, Schreb. *Marsh Germander.* I insert this, as it is not improbable that the Castlelyons plant may turn out to be this species instead of the last.

556. T. *chamædrys*, L. *Wall Germander.* Field near the Cork Botanic Garden? *Mr. J. Drummond.* On hedgebanks north of the Cork Fair-field, in two different spots, in a perfectly wild state: *Dr. Power.* I first discovered this rare plant in 1840, and pointed it out to Mr. J. T. Mackay in August 1843 in full bloom. It has not been recently found in the first station, and perhaps the latter is the only spot in Ireland in which it grows naturally at present—*very rare.*

263. AJUGA. *Linn.* BUGLE.

557. A. *reptans*, L. *Common Bugle.* Vernonmount and in most woods and uncultivated glens.—*common.*

Order LX. VERBENACEÆ.

264. VERBENA, *Linn.* VERVAIN.

558. V. *officinalis*, L. *Common Vervain.* Quarry at Glasheen, and and on dry limestone, as well as red sandstone soils.—*common.*

Order LXI. LENTIBULACEÆ.

265. PINGUICULA, *Linn.* BUTTERWORT.

559. P. *vulgaris*, L. *Common Butterwort.* On Hungry hill, Bantry, rare: *Mr. J. Drummond.* I am not aware of any other having met it.—*very rare.*

560. P. *grandiflora*, Lam. *Largeflowered Butterwort.* Bogs near Macroom, 1809, and many other parts of the county: *Mr. J. Drummond.* Above Inniscarra, with white flowers; on Bottlehill and other mountains; chiefly in the West Riding.—*very common.*

561. P. *lusitanica*, L. *Pale Butterwort.* In bogs in Dunbullogue and other places.—*common.*

266. Utricularia, *Linn.* Bladderwort.

562. U. *vulgaris*, L. *Greater Bladderwort.* Ballyphehane bog: *Mr. J. Drummond.* Near Youghal: *Miss Ball.* Ardagh, Ross; Castlefreke: *Mr. R. W. Townsend.* Neither it nor the following are now to be met with in Ballyphehane bog, which has been very much drained within the last few years.—*very rare.*

563. U. *intermedia*, Hayne. *Intermediate Bladderwort.* Ballyphehane bog: *Mr. J. Drummond.* Derry bog, Carbery: *Mr. R. W. Townsend.*—*very rare.*

564. U. *minor*, L. *Lesser Bladderwort.* In bogs near Bantry: *Mr. J. Drummond.* Bogholes near Ballygarvon, Cork: *Mr. Alexander.* Near Ballinhassig: *Dr. Power.* In the East Riding, *very rare.*

Order LXII. PRIMULACEÆ.

267. Primula, *Linn.* Primrose.

565. P. *vulgaris*, Huds. *Common Primrose.* Shanakiel and by fences.—*common.*

566. P. *elatior*, Jacq. *Oxlip Primrose.* Rathpeacon; Vernonmount; Rathcooney; and on the sides of uncultivated glens.—*rather rare.*

567. P. *veris*, L. *Cowslip Primrose.* Dodgesglen and on banks.—*common.*

268. Lysimachia, *Linn.* Loosestrife.

568. L. *vulgaris*, L. *Yellow Loosestrife.* Ballyphehane bog, not plenty: *Dr. W. Wade.* Summerstown bog: *Mr. J. Drummond.* By the Lee at Inchigaggin, Cork; and in Dodgesglen: *Mr. Alexander.* In two last stations, still found.—*very rare.*

569.? L. *nummularia*, L. *Creeping Loosestrife. Moneywort.* Ballyphehane and Summerstown bogs near Cork: *Mr. J. Drummond, Dr. Wood.* Sundays Well: *Rev. Dr. Hincks.* Not now found in either station, or elsewhere in the county.—*very rare.*

570. L. *nemorum*, L. *Wood Loosestrife or Yellow Pimpernel.* Shanakiel; Dodgesglen; and by groves and hedge-banks.—*very common.*

269. Anagallis, *Linn.* Pimpernel.

571. A. *arvensis*, L. *Scarlet Pimpernel.* Ballinlough and in corn.—*common.*

572. A. *tenella*, L. *Bog Pimpernel.* Ballyphehane and other bogs.—*common.*

270. Centunculus, *Linn.* Chaffweed.

573. C. *minimus*, L. *Least Chaffweed. Bastard Pimpernel.* Marshes at Ballickey and Glengariff: *Miss Hutchins, Mr. J. T. Mackay.* South and west of county: *Mr. J. Drummond.* Not found in the East Riding; in the West, *very rare.*

271. Glaux, *Linn.* Saltwort.

574. G. *maritima*, L. *Black Saltwort.* Below Douglas and on salt marshes.—*common.*

272. Samolus, *Linn.* Brookweed.

575. S. *Valerandi*, L. *Common Brookweed.* Near Douglas and in marshes.—*rather common.*

Order LXIII. PLUMBAGINACEÆ.

273. Statice, *Linn.* Sealavender.

576. S. *limonium*, L. *Common Sealavender.* Salt marshes below Douglas: Hop Island, and along the coast.—*common.*

274. Armeria, *Wild.* Thrift.

577. A. *maritima*, Willd. *Common Thrift.* *(Statice armeria, M.F.H.)* On the shore in Little Island; Whitepoint, Cove; and by the coast.—*very common.*

Order LXIV. PLANTAGIMACEÆ.

275. Plantago, *Linn.* Plantain.

578. P. *coronopus*, L. *Buckhorn Plantain.* Glanmire and by sea shore, very variable in size and other respects.—*very common.*

579. P. *maritima*, L. *Shore Plantain.* Blackrock and near the sea.—*common.*

580. P. *lanceolata*, L. *Ribwort Plantain.* By Mardyke, and in pastures and meadows throughout the county.—*very common.*

581. P. *major*, L. *Greater Plantain.* Evergreen, and by roadsides and waste places.—*very common.*

276. Littorella, *Linn.* Shoreweed.

582. L. *lacustris*, L. *Plantain Shoreweed.* Shores of mountain lakes near Bantry: *Mr. J. Drummond.* I have not met it.—*very rare.*

Subclass IV. MONOCHLAMYDEÆ.

Order LXVI. CHENOPODIACEÆ.

Tribe I. *Salsoleæ.*

277. Schoberia, *Meyer.* Kelpwort.

583. S. *maritima*, Mey. *Common Saltweed.* *(Chenopodium, M.F.H.)* Little Island, and on muddy shores along the coast.—*rather common.*

278. Salsola, *Linn.* Kelpwort.

584. S. *kali*, L. *Prickly Kelpwort.* Little Island, on the shore: *Mr J. Drummond.* Ballycotton; and Ringpoint, Youghal: *Dr. Power* It is not now found in the Little Island, and was probably destroyed there.—*very rare.*

Tribe II. *Chenopodeæ.*

279. CHENOPODIUM, *Linn.* GOOSEFOOT.

585.? C. *olidum*, Cust. *Stinking Goosefoot.* In the county, no station given: *Mr. J. Drummond*, in the Rev. Dr. Hincks' notes. Not found since.—*very rare.*.

586.? C. *polyspermum*, L. *Manyseed Goosefoot.* Lakelands, Cork: *Rev. Dr. Hincks.* It has not been recently found.—*very rare.*

587. C. *urbicum*, L. *Upright Goosefoot.* Evergreen, and in corn and potatoes.—*common.*

588. C. *album*, L. *White Goosefoot.* Sundays Well and waste places.—*common.*

589.? C. *ficifolium*, Sm. *Figleaved Goosefoot.* Near Timoleague: *Mr. J. Drummond.* Has been noticed nowhere else in the county.—*very rare.*

590. C. *rubrum*, L. *Red Goosefoot.* Glasheen, and on dunghills.—*common.*

591. C. *bonushenricus*, L. *Mercury Goosefoot.* Roadside at Glasheen: *Mr. J. Drummond.* By the Barrack road: *Rev. Dr. Hincks.* Between Cork and Carrigrohane, by the road: *Mr. Alexander.* Roadside at Carrigtowhill Pound; and near Audley Place, Cork: *Dr. Power.*—*rare.*

280. BETA, *Linn.* BEET.

592. B. *maritima*, L. *Sea Beet.* Shores of the Little and Great Islands, and on the cliffs along the coast of the county.—*very common*

Tribe III. *Salicorneæ.*

281. SALICORNIA, *Linn.* GLASSWORT.

593. S. *herbacea*, L. *Jointed Glasswort.* Hop Island, and on muddy shores.—*common.*

" " β. *procumbens.* Marshes near Passage.—*rather common.*

594.? S. *radicans*, Sm. *Creeping Glasswort.* Dunbeacon, Carbery: *Mr. R. W. Townsend.* Has been noticed by no other person.—*very rare.*

Tribe IV. *Atripliceæ.*

282. ATRIPLEX, *Linn.* ORACHE.

595.? A. *littoralis*, L. *Grassleaved Orache.* Near Cork, no station given: *Rev. Dr. Hincks.*—*rare.*

596. A. *angustifolia*, Sm. *Narrow Orache.* Little and Great Islands, and Corn Market.—*common.*

597.? A. *erecta*, Huds. *Uprigyt Orache.* On the coast near Cork: *Mr. J. Drummond.*—*very rare.*

598. A. *patula*, L. *Spreading Orache.* Little Island, and by the coast.—*common.*

599.? A. *laciniata*, L. *Frosted Orache.* Banks of the Lee below Cork: *Mr. J. T. Mackay.* I have not met it.—*very rare.*

283. Halimus, *Wallr.* Purslane.

600. H. *portulacoides*, Wall. *Sea Purslane.* On a marsh at Ballinacurra, by the river a short way below the churchyard, in tolerable abundance, in one spot only: *Dr. Power.—very rare.*

Order LXVII. POLYGONACEÆ.

284. Rumex, *Linn.* Dock. Sorrel.

601. R. *maritimus*, L. *Golden Dock.* In a marsh near Clay castle Youghal: *Mr. J. Drummond.* In bogs near Ballycotton: *Dr. Power.—rather rare.*

602. R. *palustris*, Sm. *Marsh Dock.* Marshy grounds near Youghal, along with the last: *Mr. J. Drummond.* In Shangarry and Garryvoe bogs near Ballycotton: *Dr. Power.—rather rare.*

603. R. *conglomeratus*, Murr. *Sharp Dock.* (R. *acutus, M.F.H.*) Sundays Well; Glasheen; and in fields and ditches —*common.*

604. R. *sanguineus*, L. *Redveined Dock.* Orchard at Friars Walk Cork: *Mr. J. Drummond, Rev. Dr. Hincks.* Great Island: *Dr. Scott.* In an old garden at Blackrock: *Mr. Alexander.* I have not met it.—*very rare.*

605. R. *pulcher*, L. *Fiddle Dock.* About Friars Walk, Cork: *Mr. J. Drummond.* Neither this nor the *palustris* or *maritimus*, are noticed in Mr. D.'s printed list, *Mr. J. T. Mackay*, I suppose gives his authority from private information. Not found there at present.—*very rare.*

606. R. *obtusifolius*, L. *Broadleaved Dock.* Glasheen, and in fields.—*common.*

607. R. *crispus*, L. *Curled Dock.* Monarea marsh, and on rubbish.—*common.*

608. R. *hydrolapathum*, Huds. *Water Dock.* About Kinsale, Bandon and Doneraile: *Dr. C. Smith.* Bog near Youghal: *Mr. J. Drummond.* At Mr. Popham's near Cork: *Rev. Dr, Hincks* I have not met it.—*very rare.*

609. R. *acetosa*, L. *Common Sorrel.* By the Mardyke and on banks.—*very common*

610. R. *acetosella*, L. *Sheep's Sorrel.* Dodgesglen and gravelly places.—*very common.*

285. Polygonum, *Linn.* Bistort, &c.

(Bistorta. Bistort.)

611. P. *bistorta*, L. *Great Bistort.* Field at Ballylickey near Bantry: *Miss Hutchins, Mr. J. Drummond.—very rare.*

(Persicaria. Arsmart.)

612. P. *amphibium*, L. *Amphibious Arsmart.* By the Mardyke and in slow streams.—*rather rare.*

613. P. *lapathifolium*, L. *Pale Arsmart.* Ballyvolane, and Ballycotton.—*rare.*

614. P. *persicaria*, L. *Spotted Arsmart.* By the Mardyke, and near pools.—*very common.*

615. P. *hydropiper*, L. *Biting Arsmart*. By Glasheen and othe streams.—*very common*.

616. P. *minus*, Huds. *Creeping Arsmart*. Moist grounds nea Cork: *Mr. J. Drummond*. Not found by any other botanist.—*very rare*.

(Avicularia. Knotgrass.)

617. P. *avicularia*, L. *Common Knotgrass*. Evergreen, and b roads.—*very common*.

618. P. *maritimum*, L. *Shore Knotgrass*. Ballycotton; Ring point, Youghal: *Dr. Power*. Also on the Cunnignar of Dungarva in the county of Waterford. I have no doubt as to the species.—*very rare*.

(Tinaria. Snakeweed.)

619. P. *convolvulus*, L. *Climbing Snakeweed*. Glasheen and i corn and potato fields.—*common*.

286. FAGOPYRUM, *Gært*. BUCKWHEAT.

620.* F. *esculentum*, Mœnch. *Common Buckwheat*. (*Polygonu fagopyrum, M.F.H.*) By the Bishopsbrook, and in cultivated field occasionally. Introduced.—*rather rare*.

Order LXXII. EMPETRACEÆ.

287. EMPETRUM, *Linn*. CROWBERRY.

621.? E. *nigrum*, L. *Black Crowberry*. Hungry hill near Bantry *Mr. J. Drummond*, in the Rev. Dr. Hincks' manuscript notes.—*very rare*

Order LXXIII. EUPHORBIACEÆ.

288. EUPHORBIA, *Linn*. SPURGE.

622. E. *helioscopia*, L. *Sun Spurge*. Evergreen and in corn.—*very common*.

623. E. *hiberna*, L. *Irish Spurge*. Dodgesglen, and near woods.—*very common*.

624. E. *amygdaloides*, L. *Wood Spurge*. By the river in Castle Bernard Park, Bandon: *Miss Hutchins, Mr. J. Drummond, M Alexander*, 1839. Also noticed by *Dr. C. Smith*, according t Mr. J. T. Mackay.—*very rare*.

625. E. *paralia*, L. *Sea Spurge*. Strand at Ballycotton: *Mr. J Drummond*. Clonpriest and Ringpoint, Youghal: *Dr. Power*.—*rather rare*.

626. E. *portlandica*, L. *Portland Spurge*. Little Island: White point, Cove.—*rather rare*.

627. E. *peplus*, L. *Petty Spurge*. Evergreen, and in corn an gardens.—*very common*.

628. E. *exigua*, L. *Dwarf Spurge*. Blackrock; Little and Gre Islands.—*rather rare*.

289. MERCURIALIS, *Linn*. MERCURY.

629. M. *perennis*, L. *Perennial Mercury*. Woods near Bantry *Miss Hutchins*.—*very rare*.

630. M. *annua*, L. *Annual Mercury*. Sundays Well, and by the Lough.—*rather common.*

Order LXXIV. URTICACEÆ.

Tribe I. *Urticeæ.*

290. Parietaria, *Linn.* Pelletory.

631. *officinalis*, L. *Wall Pelletory*. On walls in Cork, and through the county.—*common.*

291. Urtica, *Linn.* Nettle.

632. U. *pilulifera*, L. *Roman Nettle*. Ballylickey near Bantry: *Miss Hutchins*. At Glandore and Derry, Carbery: *Mr. R. W. Townsend.—very rare*

633. U. *urens*, L. *Small Nettle*. Evergreen and by villages.—*rather common.*

634. U. *dioica*, L. *Great Nettle*. Gill Abbey and in waste ground.—*very common.*

Tribe II. *Cannabineæ.*

292. Humulus, *Linn.* Hop.

635. H. *lupulus*, *L. Common Hop*. Donnybrook, Cork; and Timoleague: *Mr. J. Drummond*. By the road near Inniscarra: *Mr. Alexander*. Under Dunscombes wood below the road; Inchigaggin, on a hedgebank and by a stream between the Douglas bridges: *Dr. Power.—rather rare.*

Tribe III. *Ulmeæ.*

293. Ulmus, *Linn.* Elm.

636.† U. *campestris*, L. *Common Elm*. In hedges, common: *Mr. J. Drummond*. In Blarney and other woods and parks. A doubtful native.—*common.*

637.† U. *suberosa*, Ehrh. *Cork Elm*. Hedges near Evergreen: *Mr. J. Drummond*. Also most probably cultivated. In demesnes.—*common.*

638.† U. *glabra*, Mill. *Smooth Elm*. A few very old trees on the edge of an old wood at Clonmult in the barony of Barrymore: *Dr. Power*. This is also a doubtful native, and not generally cultivated.—*rare.*

Order LXXV. AMENTACEÆ.

Tribe I. *Salicineæ.*

294. Salix, *Linn.* Willow. Sallow. Osier.

639. S. *pentandra*, L. *Bayleaved Willow*. In a natural wood near Blarney: *Mr. J. Drummond*. I have rarely met with it.—*rather rare.*

640. S. *fragilis*, L, *Crack Willow*. Bogs near Cork, and in tl county, in several places.—*rather common.*

641. S. *alba*, L. *White Willow*. In osier-grounds: *Mr. J. Drur mond.* In Ballyphehane bog, and under Carrigrohane castl *Mr. Alexander.—rather common.*

642. S. *amygdalina*, Sm. *Almond Willow*. By the river ne Castlehyde, Fermoy: *Mr. J. Drummond.* I have not met it in th county.—*rather rare.*

643. S. *petiolaris*, Sm. *Longleaved Willow*. Hedges near Fermo *Mr. J. Drummond.—rare.*

644. S. *helix*, L. *Rose Willow*. Near Carrigaline: *Mr. J. Drummo* In the Great Island: *Dr. Scott.* Near Barry'scourt: *Dr. Power.- rather rare.*

645. S. *rubra*, Huds. *Greenleaved Osier*. Near Fermoy: *M J. Drummond.—very rare.*

646. S. *vimimalis*, L. *Common Osier*. Carrigrohane, and in osi grounds.—*common.*

647. S. *stipularis*, Sm. *Auricled Osier*. In osier ground, a about villages.—*rather common,*

648. S. *smithiana*, Willd. *Silkyleaved Osier*. In osier groun *Mr. J. Drummond.—rare.*

649. S. *acuminata*, Sm. *Longleaved Osier*. Woods and thicke near Cork.—*common.*

650. S. *cinerea*, L. *Grey Sallow*. Lota and other woods a thickets.—*rather common.*

651. S. *aquatica*, Sm. *Water Sallow*. In swampy places ne Cork: *Mr. J. Drummond.* Vernonmount demesne.- *rather commo*

652. *oleifolia*, Sm. *Olivelaaved Sallow*. Blarney, by the river, a in moist woods, and on the banks of streams.—*common.*

653. S. *aurita*, L. *Roundeared Sallow*. Blarney, and streams.—*common.*

654. S. *caprea*, L. *Great Sallow*. Carrigrohane and in woods.- *common.*

655. S. *cotinifolia*, Sm. *Quinceleaved Sallow*. Woods and bush places near Cork, frequent: *Mr. J. Drummond.* I have not m it.—*rare.*

656. S. *bicolor*, Ehrh. *Twocoloured Willow*. Near Carrigalin *Mr. J. Drummond.—rare.*

657. S. *fusca*, Sm. *Dwarf Willow*. Heaths near Skibbere *Mr. J. Drummond.—rare.*

" " δ. *ascendens*. } Heaths and mountainous moors i
" " ε. *argentea*. } the neighbourhood of Skibbere *Mr. J. Drummond.—rare.*

295. Populus, *Linn.* Poplar.

668.† P. *alba*, L. *White Poplar*. Natural wood near Blarne *Mr. J. Drummond.—rare.*

669. P. *tremula*, L. *Aspen Poplar*. Blarney woods: *Mr. Drummond.—rather rare.*

670.† P. *nigra*, L. *Black Poplar*. In Glenbower wood. doubtful native.—*rare.*

Tribe II. *Myriceæ.*

296. Myrica, *Linn.* Bogmyrtle. Gale.

661. M. *gale*, L. *Dutch Bogmyrtle. Sweet Gale.* Ballyphehane and other bogs throughout the county.—*common.*

Tribe III. *Betulineæ.*

297. Betula, *Linn.* Birch.

662. B. *alba*, L, *White Birch.* Woods near Dunmanway: *Mr. J. Drummond.* Ballyedmond and Glenbower woods: *Dr. Power.—rather common.*

663. B. *glutinosa*, Fries. *Common Birch.* Marshes in Barry's-court: *Dr. Power.* And probably in many other marshes and moist woods, if noticed.—*rather rare.*

298. Alnus, *Tourn.* Alder.

664. A. *glutinosus*, Gært. *Common Alder.* By the Lee near the city.—*common.*

Tribe IV. *Cupuliferæ.*

299. Fagus, *Linn.* Beech.

665.† F. *sylvatica*, L. *Common Beech.* In woods and hedges.—*common.*

300. Castanea, *Tourn.* Chestnut.

666.* S. *vulgaris*, Lam. *Sweet Chestnut.* In parks and demesnes. A doubtful native.—*rather rare.*

301. Quercus, *Linn.* Oak.

667. Q. *robur*, L. *Common Oak.* Dunscombes and other woods.—*common.*

302. Corylus, *Linn.* Hazel,

668. C. *avellana*, L. *Common Hazel.* Glanmire and other woods.—*common.*

303. Carpinus, *Linn.* Hornbeam.

669.? C. *betulus*, L. *Common Hornbeam.* Woods and hedges: *Mr. Alexander.* I have not met even a naturalized specimen.—*very rare.*

Order LXXVI. CONIFERÆ or PINACEÆ.

Tribe I. *Taxineæ.*

304. Taxus, *Linn.* Yew.

670. T. *baccata*, L. *Common Yew.* In several parts of Carbery, and other places: *Dr. C. Smith.* In mountainous woods: *Mr. J. Drummond.* Woods near Castletown, Berehaven: *Rev. Dr. Hincks.* In Blarney woods; and growing out of a rock over Hellhole above

Carrigrohane on the Lee: *Dr. Power.* The famous Yew tree of Dunmanway, is, I understand, still in existence but in a very decayed state and fast approaching destruction. It measured 17 feet, *Dr. C. Smith*, 15 feet, *Mr. J. Drummond*, in circumference, at three feet from the ground.—*rather rare.*

Tribe II. *Cupressineæ.*

305. Juniperus, *Linn.* Juniper.

671. J. *communis*, L. *Common Juniper.* Mountains in Bere: *Rev. Dr. Hincks.* A most likely station.—*very rare.*

672. J. *nana*, Willd. *Dwarf Juniper.* Mountains near Castletown, Berehaven: *Mr. J. Drummond.* I have met neither.—*very rare.*

673. J. *sabina*, L. *Savin Juniper. Common Savin.* "*Sabina vulgaris, Park. Savin.* This I found growing on the east side of Muskerry mountain:" *Dr. C. Smith.* Could the accurate Smith have mistaken either of the latter for this.? Not since found.—*very rare.*

Tribe III. *Abietineæ.*

306. Pinus, *Linn.* Pine or fir.

674.† P. *sylvestris*, L. *Scotch Fir.* Cones and timber considered as the product of this species have been found in most of our peaty bogs, and many very old trees are to be found in our woods, but whether it is anexisting native or not I cannot take on me to assert.—*rare.*

307. Abies, *De Cand.* Spruce.

675.? A. *excelsa*, D.C. *Norway Spruce.* "*Abies mas, Theophrasti.* This grows wild in the rocky mountains which divide this county from Kerry: *Dr. C. Smith.*" In woods cultivated in abundance. Native—*very rare.*

Class II.

MONOCOTYLEDONES or ENDOGENÆ.

Subclass I. FLORIDÆ.

Order LXXVII. HYCROCHARACEÆ.

308. Stratiotes, *Linn.* Watersoldier.

676.* S. *aloides*, L. *Alloe Watersoldier.* In quantity in Ballyphehane bog, where it was most probably introduced by *Mr. J. Drummond;* as it is not noticed by him in his catalogue; however it is now perfectly naturalized there. The only station.—*very rare.*

Order LXXVIII. ORCHIDACEÆ.

Tribe I. *Ophrydineæ.*

309. Orchis, *Linn.* Orchis,

677. O. *morio*, L. *Greenwinged Orchis.* On ditches by the Cork and Carrigrohane road: *Mr. J. Drummond.* At Leemount, 1841: *Mr. W. C. Nash.* Near Crookhaven: *Mr. R. W. Townsend.* I have never met it.—*very rare.*

678. O. *mascula*, L. *Early Orchis.* By the Bishopsbrook; Blarney, and in shady spots, and by fences on old ground.—*rather common.*

679. O. *fusca*, Jacq. *Brownwinged Orchis.* Summerstown bog, near Cork? *Mr. J. Drummond.* Near Cork, no station given, *Rev. Dr. Hincks.* I am not aware of its having been found by any other.—*very rare.*

680. O. *ustulata*, L. *Dwarf Orchis.* A single plant found at Clay castle, near Youghal: *Mr. J. Drummond.* The only Irish station.—*very rare.*

681. O. *maculata*, L. *Palmate Orchis.* Ballyphehane and other bogs in all parts of the county.—*very common.*

682. O. *latifolia*, L. *Marsh Orchis.* Ballyphehane bog, and near Bantry: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Near Ballyphilip: *Dr. Power.*—*rare.*

310. Gymnadenia, *R.Br.* Orchis.

683.? G. *conopsea*, R.Br. *Fragrant Orchis.* On the banks of the Lee, near Cork: *Mr. J. Drummond.* It has not been recently found here.—*very rare.*

684. G. *albida*, Rich. *Small Orchis.* (*Habenaria, M.F.H.*) In Dunbullogue glen, and on a Danish Fort in the same district, where it was pointed out to me by *Mr. D. Murray*, the discoverer.—*very rare.*

311. Habenaria, *R.Br.* Orchis.

685. H. *viridis*, R.Br. *Frog Orchis.* Sloping ground by the Lee, near Carrigrohane castle: *Mr. J. Drummond.* On Midleton rock: *Dr. Power.*—*very rare.*

686. H. *bifolia*, Bab. *Butterfly Orchis.* At Ballyburden, near Cork: *Mr. J. Drummond.* Near Kinsale; Blarney; Leemount; and Inniscarra bridge: *Mr. Alexander.* Dunbullogue glen: *Mr. D. Murray.* On the rock of Midleton: *Dr. Power.* Near Derry, Carbery: *Mr. R. W. Townsend.*—*rare.*

312. Ophrys, *Linn.* Ophrys.

687. O. *apifera*, Huds. *Bee Ophrys.* At Clay castle, Youghal; and on the strand at Ballycotton: *Mr. J. Drummond.* Near Midleton? *Dr. R. Day.* It is now seldom met with.—*very rare.*

Tribe II. *Limodoreæ.*

313. Spiranthes, *Rich.* Ladystresses.

688. S. *autumnalis*, Rich. *Fragrant Ladystresses.* (*Neottia spiralis, M.F.H.*) On the strand at Ballycotton: *Mr. J. Drummond.* Strand at Timoleague; and near the shore Little Island: *Rev. Dr. Hincks.* Whitepoint, Cove; and on a hill near Midleton: *Mr. Alexander.*—*rare.*

689. S. *gemmipara*, Lind. *Proliferous Ladystresses.* (N. *gemmipara M.F.H.*) At Dunboy, on the strand of the mainland opposite the western redoubt on Bere Island, Bantry Bay; five or six plants, August 1810: *Mr. J. Drummond.* Re-discovered by *Dr. Sharkey*, a few years since, and by *Dr. Armstrong* in 1843, who pointed it out to Mr. C. C. Babington. This is the only station for this peculiar and beautiful plant.—*extremely rare.*

314. Listera, *R.Br.* Twayblade.

690. L. *ovata*, R.Br. *Common Twayblade.* In Castlehyde wood, near Fermoy: *Mr. J. Drummond.* Near Carrigrohane castle: *Dr. Wood.* Rockclose and groves at Blarney: *Mr. Alexander.* Rocksborough, Midleton: *Dr. Power.* In woods and shady places in a damp soil.—*rare.*

315. Epipactis, *Rich.* Helleborine.

691. E. *latifolia*, All. *Broad Helleborine.* Wood at Castlehyde: *Mr. J. Drummond.* It has not been found elsewhere.—*very rare.*

316. Cephalanthera, *Bab.* Helleborine.

692. C. *grandiflora*, Bab. *White Helleborine.* (*Epipactis, M.F.H.*) Glengariff, in woods: *Rev. Dr. Hincks.*—*very rare.*

693.? C. *ensifolia*, Rich. *Narrow Helleborine.* (*Epipactis, M.F.H.*)

Woods at Glengariff: *Miss Hutchins, Mr. J. T. Mackay.* The plants first observed by Mr. M., may have been the last species, and those sent him, the present. See F. H.—*very rare.*

Tribe III. *Malaxideæ.*

317. Malaxis, *Swartz.* Bogorchis.

694. M. *paludosa*, Sw. *Marshy Bogorchis.* In the southern counties of Ireland: *Mr. J. T. Mackay.* I have never met it, and am unable to name a station.—*very rare.*

Order LXXIX. IRIDACEÆ.

318. Iris, *Linn.* Flag.

695. I. *pseudacorus*, L. *Yellow Flag.* Ballyphehane and other bogs throughout the county.—*very common.*

696. I. *fœtidissima*, L. *Roastbeef Flag.* In a small island near Glengariff: *Mr. J. T. Mackay.* Near Carrigrohane castle: *Mr. J. Drummond.* In groves at Blarney: *Mr. Alexander.* On a limestone rock at the south side of the Little Island: *Dr. Power.*—*very rare.*

697.* I. *tuberosa*, L. *Tuberous Flag.* Near Evergreen: *Mr. J. Drummond.* Not even naturalized there—*very rare.*

Order LXXX. AMARYLLIDACEÆ.

319. Narcissus, *Linn.* Daffodil.

698.* N. *biflorus*, Curt. *Twoflowered Daffodil.* Blarney, Carrigrohane, Woodlawn, and other places near Cork. Naturalized.—*rather rare.*

699.* N. *poeticus*, L. *White Daffodil.* About Carrigrohane castle, and old abbeys occasionally; also only naturalized.—*rare.*

700.† N. *pseudonarcissus*, L. *Common Daffodil.* Near Carrigrohane; Pouladuff; and on the bank of the Lee under Mountdesart. This is found in less suspicious stations than either of the last.—*rather rare.*

Order LXXXII. ASPARAGACEÆ.

320. Convallaria, *Linn.* Solomonsseal.

701.* C. *polygonatum*, L. *Angular Solomonsseal.* "*Polygonatum, Ger.* Observed in Castlebernard Park, near the river Bandon:" *Dr. C. Smith.* This has not been since observed, and must have been destroyed.—*very rare.*

702* C. *multiflora*, L. *Common Solomonsseal.* In a grove at Blarney, sparingly; where it was pointed out to me by *Mr. D. Murray.*—*very rare.*

703.* C. *majalis*, L. *Lily of the Valley.* "*Lilium convallium, Ger. Lily of the Valley or May Lily.* This grows in Castlebernard Park, near the river Bandon:" *Dr. C. Smith.* This has not been since observed, but Smith is in so many other instances so very correct, that in this he may be trusted.—*very rare.*

321. Ruscus, *Linn.* Butchersbroom.

704. R. *aculeatus*, L. *Common Butchersbroom.* "Near Brinny, between Cork and Bandon:" *Dr. C. Smith.* I have been informed by a person who knows this plant well in its cultivated state, that he found it growing naturally in Dungourney glen near Midleton, a place far removed from any suspicion of its having been introduced.—*very rare.*

Order LXXXIII. LILIACEÆ.

Tribe II. *Asphodeleæ.*

322. Allium, *Linn.* Garlic.

705. A. *scorodoprasum*, L. *Sand Garlic.* (A. *arenarium, M.F.H.*) By the shore near the tower, at the south side of Foaty Island, 1844: *Mr. D. Murray.* This is the only station for it in the county.—*very rare.*

706. A. *vineale*, L. *Crow Gurlic.* Fields near Glanmire: *Mr. J. Drummond.* Strand of the Little Island: *Mr. Alexander.* On a hedgebank at Ballinamought, Cork: *Mr. D. Murray;* where it still grows.—*rare.*

707. A. *ursinum*, L. *Ramson Garlic.* Lota, Blarney, and other woods and groves throughout the county.—*rather common.*

Tribe III. *Hemerocallideæ.*

323. Agraphis, *Link.* Bluebell.

708. A. *nutans*, Link. *Common Bluebell.* (*Hyacinthus nonscriptus, M.F.H.*) In Dodgesglen, Glanmire and other woods.—*common.*

Order LXXXVI. JUNCACEÆ.

324. Narthecium, *Huds.* Kingspear.

709. N. *ossifragum*, Huds. *Common Kingspear.* In Ballyphehane, Rathpeacon and other bogs throughout the county.—*common.*

325. Juncus, *Linn.* Rush.

710. J. *maritimus*, Sm. *Sea Rush.* On salt marshes at Douglas and along the coast.—*very common.*

711. J. *acutus*, L. *Sharp Rush.* Strand near Timoleague: *Mr. J. Drummond.* As this is rare in Ireland, I may mention here, though out of place in a Cork Flora, that it grows most luxuriantly on a sandbank called the Cunnegar near Dungarvan in the county Waterford.—*very rare.*

712. J. *effusus*, L. *Soft Rush.* Ballyvolane, and by streams and in bogs.—*very common.*

713. J. *conglomeratus*, L. *Common Rush.* Ballyphehane, and other bogs in the county.—*rather common.*

714. J. *glaucus*, Sib. *Hard Rush.* Summerstown, Blarney, and other bogs.—*rather rare.*

715. J. *obtusiflorus*, Ehrh. *Blunt Jointrush.* Summerstown bog—*rare.*

716. J. *acutiflorus*, Fhrh. *Sharpflowered Jointrush.* Ballyphehane and other bogs.—*common.*

717. J. *lampocarpus*, Ehrh. *Shiningfruited Jointrush.* Ballyphehane bog.—*common.*

718. J. *supinus*, Mœnch. *Lesser Jointrush.* (J. *uliginosus, M.F.H.*) Ballyphehane, and other bogs and marshes throughout the county.—*very common.*

719. J. *squarrosus*, L. *Heath Rush.* Rathpeacon, and on moist heaths.—*very common.*

720. J. *compressus*, Jacq. *Roundfruited Rush.* In bogs, common: *Mr. J. Drummond.*—*rare.*

721. J. *cœnosus*, Bich. *Saltmarsh Rush.* Near Douglas, and on salt marshes.—*very common.*

722. J. *bufonius*, L. Toad Rush. Ballyvolane and in bogs.—*very common.*

326. Luzula, *De Cand.* Woodrush.

723. L. *sylvatica*, Rich. *Great Woodrush.* Lota and other woods.—*common.*

724. L. *pilosa*, D.C. *Hairy Woodrush.* In woods in Great Island: *Dr. Scott.* Knocknahorgan and Willsfort woods near Cork; Youngrove: and probably most woods in the county. It comes into flower so early in the spring, that it frequently escapes observation, from which cause I suppose it happened that it was first found in the neighbourhood of Cork by myself.—*rather common.*

725. L. *campestris*, Willd. *Field Woodrush.* Glasheen and on banks.—*common.*

726. L. *multiflora*, Lig. *Moor Woodrush.* (L. *congesta, M.F.H.*) Ballyphehane bog, and on peaty bogs in many parts of the county.—*rather common.*

Order LXXXVII. ALISMACEÆ.

Tribe I. *Alismoideæ.*

327. Alisma, *Linn.* Thrumwort.

727. A. *plantago*, L. *Great Thrumwort.* Ballyphehane and other bogs.—*common.*

728. A. *natans*, L. *Floating Thrumwort.* Lough Allua at the source of the Lee: *Mr. J. Drummond*, in the Rev. Dr. Hincks' notes.—*very rare.*

729. A. *ranunculoides*, L. *Lesser Thrumwort.* In Ballyphehane Summerstown and other bogs in the county.—*common.*

Tribe II. *Butomeæ.*

328. Butomus, *Linn.* Flowerringrush.

730. B. *umbellatus*, L. *Common Floweringrush.* Above the bridge of Fermoy, where it still flourishes: *Mr. J. Drummond.*—*very rare.*

Tribe III. *Juncagineæ.*

329. Triglochin, *Linn.* Arrowgrass.

731. T. *maritimum*, L. *Shore Arrowgrass.* Near Douglas, and in salt marshes along estuaries.—*rather common.*

732. T. *palustre*, L. *Marsh Arrowgrass.* Summerstown and other bogs in the county.—*rather rare.*

Order LXXXVIII. ARACEÆ.

Tribe I. *Typhineæ.*

330. Typha, *Linn.* Reedmace.

733. T. *latifolia*, L. *Great Reedmace.* Ballyphehane; Barry's-court; and in deep turfy swamps.—*rather rare.*

331. Sparganium, *Linn.* Burreed,

734. S. *ramosum*, Huds. *Branched Burreed.* Ballyphehane and other bogs.—*very common.*

735. S. *simplex*, Huds. *Simple Burreed.* Ballyphehane and other bogs.—*rather rare.*

736. S. *natans*, L. *Floating Burreed.* Ballyphehane bog: *Dr. W. Wade.* In Bishopsbrook and adjacent pools. Dr. W. enumerates this amongst his rarer plants.—*rather rare.*

Tribe II. *Arineæ.*

332. Arum, *Linn.* Wakerobin.

737. A. *maculatum*, L. *Common Wakerobin. Cuckoopint.* Evergreen, and in woods, and by old moist hedgebanks.—*common.*

Tribe III. *Lemneæ.*

333. Lemna, *Linn.* Duckweed.

738. L. *trisulca*, L. *Ivyleaved Duckweed.* In Springwells near Fermoy: *Mr. J. Drummond.* Either passed over or *very rare.*

739. L. *minor*, L. *Common Duckweed.* By the Mardyke and in stagnant pools.—*very common.*

Order LXXXIX. NAIADACEÆ.

334. Potamogeton, *Linn.* Pondweed.

740. P. *natans*, L. *Broadleaved Pondweed.* In Dodgesglen, and in bogs and pools.—*very common.*

741. P. *plantagineus*, Ducr. *Plantain Pondweed.* Near Bantry, common, *Mr. C. C. Babington*, who found it on his recent excursion. Elsewhere, *rare.*

742. P. *rufescens*, Schrad. *Reddish Pondweed.* In the Basin at Sundays Well: *Mr. J. Drummond.* In the Lee, near the weirs: *Dr. Power.*—*rather rare.*

743. P. *heterophyllus*, Schreb. *Variousleaved Pondweed.* In the

Basin: *Mr. J. Drummond.* In the Lee, at Inchigaggin and elsewhere: and in the Glanmire river, towards Carrignavar: *Dr. Power.—rather rare.*

744. P. *lucens, L. Shining Pondweed.* In the Basin: *Mr. J. Drummond.* In the Lee, and in a millstream at Carrigaline: *Mr. Alexander.—rare.*

745. P. *perfoliatus,* L. *Perfoliate Pondweed.* In Shannagarry bog, near Cloyne: *Dr. Power.* It has not been found elsewhere in the county.—*very rare.*

746. P. *crispus,* L. *Curled Pondweed.* In the Lee, at Sundays Well; and in most rivers and streams in the county.—*very common.*

747. P. *gramineus,* L. *Grassy Pondweed.* In a bog near Castlemartyr: *Mr. R. Ball.* On the east side of Eastgrove, Great Island: *Dr. Scott.—rare.*

748. P. *pusillus,* L. *Small Pondweed.* In Ballyphehane bog: *Mr. J. Drummond.* Ballydulea bog, Great Island: *Dr. Power.—rather common.*

" " β. *major.* Ballyphehane bog: *Mr. J. Drummond.* Where it grows in profusion in the dykes.—*rather rare.*

749. P. *pectinatus,* L. *Fennel Pondweed.* In pools near Bantry: *Mr. J. Drummond,* in Rev. Dr. Hincks' manuscript notes.—*very rare*

335. Ruppia, *Linn.* Tasselgrass.

750. R. *maritima,* L. *Sea Tasselgrass.* In a Lake near Bantry: *Mr. J. Drummond.* In a salt water marsh at Rossleague, Great Island: *Dr. Scott.* In a Salt pool on Penrose's marsh, Cork; and near Currabingy, Cork harbour: *Dr. Power.—rare.*

336. Zanichellia, *Linn.* Hornedpondweed.

751. Z. *palustris,* L. *Common Hornedpondweed.* Near the Corn Market, and by the new road to Blackrock, in fresh water ditches: *Mr. Alexander.* Near Ringmahon, Blackrock, in a pool by the road: *Dr. Power.* In salt marshes.—*rather common.*

337. Zostera, *Linn.* Grasswrack.

752. Z. *marina,* L. *Common Grasswrack.* In the mud near Hop Island: *Mr. Alexander.* At Rossleague, and Whitepoint, Great Island: *Dr. Power.* And thrown on the shore by the waves in several places along the harbour.—*rather common.*

Subclass II. GLUMACEÆ.

Order XC. CYPERACEÆ.

Tribe I. *Cypereæ.*

338. Schœnus, *Linn.* Bogrush.

753. S. *nigricans,* L. *Black Bogrush.* Mountains near Bantry: *Mr. J. Drummond.* Great Island? *Dr. Scott.* Bogs near Gougawnborragh: *Dr. Power.* Bogs in West Carbery: *Mr. R. W. Townsend.* In West Riding, *common.* In the East Riding, *very rare.*

Tribe II. *Scirpeæ.*

339. Cladium, *Br.* Twigrush.

754. C. *mariscus*, R.Br. *Prickly Twigrush.* Summerstown bog, and near Lough Allua: *Mr. J. Drummond.* By Blarney lake: *Mr. Alexander.* Lakes near Berehaven: *Mr. R. W. Townsend.* In the East Riding, *rare.* In the West, *general.*

340. Rhynchospora, *Vahl.* Beakrush.

755. R. *alba*, Vahl. *White Beakrush.* Ballyphehane bog? *Mr. J. Drummond.* West Carbery: *Mr. R. W. Townsend.* I have not met it.—*very rare.*

756. R. *fusca*, Sm. *Brown Beakrush.* By the side of Lough Allua: *Mr. J. Drummond.* Near Berehaven: *Mr. R. W. Townsend.* About Glengariff: *Mr. C. C. Babington.* Not found in the East Riding: in the West Riding, *rather rare.*

341. Eleocharis, *R.Br.* Spikerush.

757. E. *palustris*, R.Br. *Creeping Spikerush.* Ballyphehane and other bogs throughout the county.—*very common.*

758. E. *multicaulis*, Sm. *Manystalked Spikerush.* Marshes near Macroom: *Mr. J. T. Mackay.* Ballyphehane bog: *Mr. J. Drummond.* frequently mistaken for the former; probably *rather common.*

759. E. *acicularis*, Sm. *Least Spikerush.* In bogs near Cork: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Carbery: *Mr. R. W. Townsend.* On mountains.—*rather rare.*

342. Scirpus, *Linn.* Clubrush.

760. S. *maritimus*, L. *Saltmarsh Clubrush.* Below Douglas; Little and Great Islands; and in salt marshes.—*very common.*

761. S. *sylvaticus*, L. *Wood Clubrush.* By the Lee above Cork: *Mr. J. Drummond.* By the river above the County Jail; probably Drummond's station: *Mr. Alexander.*—*very rare.*

762. S. *lacustris*, L. *Lake Clubrush. Bullrush.* By the Owbeg river near Doneraile, and dykes in the neighbourhood—*rather rare.*

763. S. *Tabernæmontani*, Gm. *Glaucous Clubrush.* (S. *glaucus*, *M.F.H.*) Below Douglas, and in salt marshes.—*common.*

764. S. *cæspitosus*, L. *Scalystalked Clubrush.* (*Eleocharis*, *M.F.H.*) In bogs at Rathpeacon and Carrignavar, and on moors.—*common.*

765. S. *fluitans*, L. *Floating Clubrush.* (*Eleocharis*, *M.F.H.*) Ballyphehane and other bogs, and in ditches.—*rather common.*

766. S. *setaceus*, L. *Bristle Clubrush.* Inchacummawn, near Blarney, and other bogs.—*rather common.*

767. S. *Savii*, S. & M. β. *monostachys. Savi's Bullrush.* In bogs in the county of Cork, probably near Bandon: *Dr. Sealy*—*very rare.*

343. Blysmus, *Panz.* Springrush.

768.? B. *compressus*, Panz. *Broadleaved Springrush.* In bogs in the neighbourhood of Glengariff: *Mr. R. W. Townsend.*—*very rare.*

344. Eriophorum, *Linn.* Cottongrass.

769. E. *vaginatum*, L. *Haretail Cottongrass.* Mountains near Bantry: *Mr. J. Drummond.* Near Skull and Crookhaven: *Mr. R. W. Townsend.—very rare.*

770. E. *polystachion*, L. *Common Cottongrass,* (E. *angustifolium, M.F.H.)* Ballyphehane and other bogs and on heaths—*very common.*

" " γ. *elatius*, Koch. *Broadleved Cottongrass.* (E. *polystachion*, Sm. *M.F.H.)* In bogs in the county, no particular station given: *Rev. Dr. Hincks.—very rare.*

Tribe IV. *Cariceæ.*

345. Carex, *Linn.* Sedge.

771. C. *dioica*, L. *Diœcious Sedge.* Bogs near Inchageela: *Mr. J. Drummond.—very rare.*

772. C. *pulicaris*, L. *Flea Sedge.* In bogs near Inchageela: *Mr. J. Drummond.* Great Island: *Dr. Scott.* In bogs and marshes—*rather common.*

773. C. *divisa*, Huds. *Bracteated Sedge.* On dry hedgebanks near Evergreen? *Mr. J. Drummond.* I have not met it.—*rather rare.*

774. C. *intermedia.* Good. *Soft Sedge.* On the strand near Bantry: *Mr. J. Drummond.* Great Island: *Dr. Scott.* Marshy ground: *Mr. Alexander.—rather common.*

775. C. *arenaria*, L. *Sea Sedge.* Strand near Bantry: *Mr. J. Drummond.* Great Island: *Dr. Scott.* By the coast, on cliffs: *Dr. Power.—common.*

776. C. *vulpina*, L. *Great Sedge.* Great Island; *Dr. Scott.* Salt marshes below Cork: *Mr. Alexander.* In bogs and wet marshes.—*rather common.*

777. C. *muricata*, L. *Prickly Sedge.* On dry banks near Evergreen: *Mr. J. Drummond.* Hedges at Blackrock: *Mr. Alexander.* On dry banks.—*rather rare.*

778. C. *divulsa*, Good. *Grey Sedge.* About Blarney lake and bogs: *Mr. Alexander.* Above Oldcourt, Cork: *Dr. Power.—rather rare.*

779. C. *teretiuscula*, Good. *Clustered Sedge.* Ballyphehane bog: *Mr. J. Drummond.—rather common.*

780. C. *paniculata*, L. *Panicled Sedge.* Ballyphehane bog, Cork: *Mr. J. Drummond, Mr. J. T. Mackay.* In swamps and bogs.—*rather common.*

781. C. *axillaris*, Good. *Axillary Sedge.* Ballyphehane bog, Cork: *Mr. J. Drummond.* In marshes occasionally.—*rather rare.*

782. C. *remota*, L. *Remote Sedge.* Great Island: *Dr. Scott.* Ballyphehane bog, near Cork: *Mr. Alexander.* And in woods.—*rather rare.*

783. C. *stellulata*, Good. *Little Sedge.* Ballyphehane bog, Cork: *Mr. J. Drummond.* Great Island: *Dr. Scott.* In marshes—*rather rare.*

784. C. *ovalis*, Good. *Ovalspiked Sedge.* Ballyphehane and other bogs throughout the county.—*very common.*

785. C. *Goodenovii*, Gay. *Narrow Sedge.* (*cæspitosa, M.F.H.)* Ballyphehane and other bogs in the county.—*common.*

786. C. *cæspitosa*, L. *Tufted Sedge. (stricta, M.F.H.)* Summerstown and other bogs in the county.—*very common.*

787. C. *flava*, L. *Yellow Sedge.* Ballyphehane bog.—*common.*

" " *Œderi*, Ehrh. Marsh below Douglas: *Mr. Alexander.—very rare.*

788. C. *fulva*, Good. *Tawny Sedge.* South side of Priestsleap, and other mountains: *Mr. J. T. Mackay.* Strand near Bantry: *Mr. J. Drummond.—rather rare.*

789. C. *extensa*, Good. *Long Sedge.* In a salt marsh under Ballylickey, near Bantry: *Mr. J. T. Mackay.* Marshes in the Little Island.—*very rare.*

790. C. *distans*, L. *Loose Sedge.* Marshes near Bantry: *Mr. J. T. Mackay.* Bogs near Cork: *Mr. J. Drummond.* In salt marshes below Glanmire: *Mr. Alexander.* In marshes near the sea.—*rather common.*

791. C. *binervis*, Sm. *Greenribbed Sedge.* In bogs, and on dry heaths: *Mr. J. Drummond.* Castletreasure hill: *Dr. Power.—rather common.*

792. C. *lævigata*, Sm. *Beaked Sedge.* Near Ballylickey, Bantry: *Miss Hutchins.* Mountdesart wood: *Mr. Alexander.—rather rare.*

793. C. *panicea*, L. *Pinkleaved Sedge.* Rathpeacon and other bogs—*common.*

794. C. *strigosa*, Huds. *Drooping Sedge.* In Dunscombes wood, near Cork: *Mr. J. Drummond.* And probably many other woods.—*rather rare.*

795. C. *sylvatica*, Huds. *Wood Sedge.* Great Island: *Dr. Scott.* Dunscombes wood, near Cork: *Mr. Alexander.—rather rare.*

796. C. *pendula*, Huds. *Pendulous Sedge.* In Dunscombes wood, near Cork: *Mr. J. Drummond.* Glenbower wood, Killeagh: *Dr. Power.—rare.*

797. C. *pseudocyperus*, L. *Cyperus Sedge.* Marshy ground near the Lee: *Mr. J. Drummond.* Between Ballyphehane bog and Douglas: *Mr. Alexander.* In Inchacummawn bog, Blarney: *Dr. Power.—rather rare.*

798. C. *præcox*, Jacq. *Vernal Sedge.* By the Lee, on dry hills—*common.*

799. C. *pilulifera*, L. *Round Sedge.* Ballyphehane and other bogs.—*common.*

800. C. *glauca*, Scop. *Glaucous Sedge. (recurva, M.F.H.)* Ballyphehane and other bogs in the county.—*rather common.*

801. C. *filiformis*, L. *Slender Sedge.* Ballyphehane bog: *Mr. J. Drummond.—rare.*

802. C. *hirta*, L. *Hairy Sedge.* Lee weir at Sundays Well: *Mr. J. Drummond.* In a salt marsh below Douglas: *Mr. Alexander.—rather common.*

803. C. *ampullacea*, Good. *Bottle Sedge.* Ballyphehane bog, and marshes near Cork, and in Great Island.—*rather common.*

804. C. *vesicaria*, L. *Bladder Sedge.* Summerstown and other bogs in the county.—*common.*

805. C. *riparia*, Curt. *Great Sedge.* Ballyphehane and other bogs, and by the Bishopsbrook near the Mardyke.—*rather common.*

Order XCI. GRAMINACEÆ.

Tribe II. *Phalarideæ.*

346. PHALARIS, *Linn.* CANARYGRASS.

806.* P. *canariensis*, L. *Common Canarygrass.* In cultivated ground about Evergreen and other places near towns.—*rare.*

807. P. *arundinacea*, L. *Reed Canarygrass.* By the Mardyke and in bogs, and by rivers and streams.—*very common.*

347. ANTHOXANTHUM. *Linn.* VERNALGRASS.

808. A. *odoratum*, L. *Sweet Vernalgrass.* By the Dyke, and in most fields and pastures.—*very common.*

Tribe III. *Phleineæ.*

348. PHLEUM, *Linn.* CATSTAILGRASS.

809. P. *arenarium*, L. *Sea Catstailgrass.* Near Clay castle, Youghal: *Mr. J. Drummond, Dr. Power.* Sandbank at Ballycotton: *Dr. Power.—very rare.*

810. P. *pratense*, L. *Meadow Catstailgrass. Timothy Grass.* Rare in the county: *Mr. J. Drummond.* Near Ballyphehane, a few specimens: *Mr. Alexander.* On the banks of the Carrigaline river, below Ballygarvon, in tolerable plenty; Summerstown bog near Cork; Blarney bog; all in pastures never ploughed: *Dr. Power.—rather rare.*

349. ALOPECURUS, *Linn.* FOXTAILGRASS.

811. A. *pratensis*, L. *Meadow Foxtailgrass.* In fields above Blarney lane: *Rev. Dr. Hincks.* In the dyke fields, and under Vernonmount: *Mr. Alexander.* By the Bishopsbrook, near Inchigaggin: *Mr. D. Murray.* By the Lee, below George IV. bridge; in a meadow at Blarney: *Dr. Power.—rare.*

812. A. *geniculatus*, L. *Floating Foxtailgrass.* Ballyphehane and other bogs in the county.—*very common.*

813.? A. *bulbosus*, L. *Tuberous Foxtailgrass.* In salt marshes below Douglas: *Mr. J. Drummond.* I could never find it.—*very rare.*

814.? A. *agrestis*, L. *Slender Foxtailgrass.* Near Cork: *Mr. J. Drummond*, in the Rev. Dr. Hincks' manuscript notes. I have not met it.—*very rare.*

Tribe IV. *Agrostideæ.*

350. MILIUM, *Linn.* MILLETGRASS.

815. M. *effusum*, L. *Spreading Milletgrass.* In a wood at Castlehyde, Fermoy: *Mr. J. Drummond.* Dunscombes wood, Cork: *Mr. Alexander.—very rare.*

351. AGROSTIS, *Linn.* BENTGRASS.

816. A. *setacea*, Curt. *Bristleleaved Bentgrass.* Ballyphehane and other bogs: *Mr. J. Drummond.* I have not met it in that station.—*rather rare.*

817. A. *canina*, L. *Brown Bentgrass.* Ballyphehane, &c.—*common.*
818. A. *vulgaris*, With. *Fine Bentgrass.* By the Mardyke, and in Ballyphehane and other bogs and pastures.—*common.*

" " β. *aristata.* Ballyphehane bog: *Mr. Alexander.* On dry limestone crags at Shanbally, near Monkstown: *Dr. Power.—rather rare.*

" " γ. *pumila.* Dodgesglen, and dry barren pastures.—*common.*

819. A. *alba*, L. *Marsh Bentgrass.* By the Lee, Sundays Well, and in moist meadows.—*rather common.*

" " β. *stolonifera. Florin Bentgrass.* Riverside below Cork: *Mr. J. Drummond.* And in rich moist pastures in several places.—*rather common.*

352. Apera, *Adans.* Bentgrass.

820.? A. *spicaventi*, Beauv. *Silky Bentgrass. (Agoostis.)* Ballyphehane: *Mr. J. Drummond*, in the Rev. Dr. Hincks' manuscript notes.—*very rare.*

Tribe VI. *Arundinaceæ.*

353. Arundo, *Linn.* Reed.

821.? A. *epigejos*, L. *Wood Reed.* In the county of Cork, no station mentioned: *Mr. J. Drummond.—very rare.*

354. Ammophila, *Host.* Seareed.

822. A. *arenaria*, Link. *Common Seareed.* On the seashore frequent: *Mr. J. Drummond.* Clay castle Youghal: *Dr. Power.* Castlefreke, near Rosscarbery: *Mr. R. W. Townsend.* On sandy seashores in several parts of the county.—*rather rare.*

355. Phragmites, *Trin.* Reedgrass.

823. P. *communis*, Trin. *Common Reedgrass. (Arundo phragmites, M.F.H.)* Below Douglas: Blarney lake, and in wet marshes.—*rather common.*

Tribe IX. *Avenineæ.*

356. Aira, *Linn.* Hairgrass.

824. A. *cæspitosa*, L. *Turfy Hairgrass.* In Ballyphehane bogs and other coarse meadows.—*common.*
825. A. *flexuosa*, L. *Waved Hairgrass.* Mountains near Bantry: *Mr. J. Drummond.* Carrigfodda mountain, near Dunmanway: *Mr. R. W. Townsend.* Corrangall and Ruppera mountains, Barrymore: *Dr. Power.* On mountainous heaths.—*common..*
826. A. *caryophyllea*, L. *Silvery Hairgrass.* Rathpecon, Little and Great Islands, Blackrock and Dodgesglen.—*very common.*
827. A. *præcox*, L. *Early Hairgrass.* Dodges glen, and on dry sandy soils all through the county.—*very common.*

357. Trisetum, *Pers.* Oatgrass.

828. T. *flavescens*, Pers. *Yellow Oatgrass. (Avena, M.F.H.)* Sum-

merstown, Glasheen, Great Island, and on dry soils on most places. —*rather common.*

358. Avena, *Linn.* Oat.

829. A. *fatua*, L. *Wild Oat.* Glasheen, and in corn fields.—*common.*

830. A. *strigosa*, Scheb. *Bristled Oat.* Ballyvolane, and in corn fields throughout the county.—*common.*

831. A. *pratensis*, L. *Narrow Oat.* About Blackrock, Glasheen, Whitepoint, Cove; Little Island, and on limestone soils.—*rare.*

832. A. *pubescens*, L. *Downy Oat.* About Rossmore and Ballyvodock, Midleton, and on limestone rocks at Shanbally, Monkstown: *Dr. Power.*—*rare.*

359. Arrhenatherum, *Pal. de Beauv.* Oatlikegrass.

833. A. *avenaceum*, Beau. *Common Oatlikegrass.* Glasheen, and on banks, and in pastures.—*very common.*

360. Holeus, *Linn.* Softgrass.

834. H. *lanatus*, L. *Meadow Softgrass.* Glasheen and in pastures.—*very common.*

835. H. *mollis*, L. *Creeping Softgrass.* Dodges glen, and in dry fields.—*very common.*

361. Triodia, *R. Br.* Heathgrass.

836. T. *decumbens*, Beau. *Decumbent Heathgrass.* Rathpeacon, and on heaths and mountain pastures.—*common.*

Tribe X. *Festucineæ.*

362. Melica, *Linn.* Melicgrass.

837. M. *uniflora*, Retz. *Wood Mellicgrass.* Blarney and other woods.—*common.*

363. Molinia, *Schrank.* Molinia.

838. E. *cærulea*, Mœnch. *Purple Molinia. (Melica, M.F.H.)* Ballyphehane bog, and on mountainous heaths and moors.—*very common.*

364. Catabrosa. *Pal. de Beauv.* Whorlgrass.

839. C. *aquatica*. Beau. *Water Whorlgrass.* Ballyphehane and other bogs, Dodges glen by the pond.—*rather rare.*

365. Poa, *Linn.* Meadowgrass.

840. P. *pratensis*, L. *Smooth Meadowgrnss.* Glasheen, and in pastures in Little and Great Islands, &c.—*rather common.*

841. P. *trivialis*, L. *Rough Meadowgrass.* Ballinlough, and in meadows and pastures.—*common.*

842.? P. *compressa*, L. *Flatstalked Meadowgrass.* Walls about Friars Walk, Cork? *Rev. Dr. Hincks.* I have not observed it.—*rare.*

843. *annua*, L. *Annual Meadowgrass.* On pavements and rubbish.—*common.*

366. Glyceria, *R. Br.* Sweetgrass.

844. G. *aquatica*, Sm. *Reed Sweetgrass. (Poa, M.F.H.)* By a stream near Donnybrook, and by the South Bride. *Dr. Power.—very rare.*

845. G. *fluitans*, R.Br. *Floating Sweetgrass. (Poa, M.F.H.)* Ballyphehane and other bogs and in dykes.—*very common.*

367. Sclerochloa, *P. de Beauv.* Marshgrass.

846. S. *maritima*, Lind. *Sea Marshgrass. (Poa, M.F.H.)* Below Douglas and on salt marshes.—*common.*

847. S. *distans*. Bah. *Reflexed Marshgrass. (Poa, M.F.H.)* River side below Cork: *Mr. J. Drummond.* Near Douglas, and on a marsh near the Gasworks.—*common.*

848. S. *procumbens*, Beauv. *Procumbent Marshgrass. (Poa, M.F.H.)* Salt marsh below Cork: *Mr. J. Drummond.* This grass has not been found recently.—*very rare.*

849. S. *rigida*. Link. *Hard Marshgrass. (Poa, M.F.H.)* Evergreen and on walls and dry banks.—*common.*

850. S. *loliacea*, Woods. *Dwarf Marshgrass. (Triticum, M.F.H.)* On sandy soil near Clay castle Youghal: *Mr. J. Drummond.—very rare.*

368. Briza, *Linn.* Quakinggrass.

851.? B. *minor*, L. *Small Quakinggrass.* In fields near Douglas: *Mr. J. Drummond.* I am not aware that any other botanist has met it.—*very rare.*

852. B. *media*, L. *Common Quakinggrass.* In a dry field near Mountdesart hill, Cork: *Mr. R. W. Moore. Dr. Power.—very rare.*

369. Cynosurus, *Linn.* Dogstailgrass.

853. C. *cristatus*, L. *Crested Dogstailgrass.* Glasheen, and in fields and pastures.—*very common.*

370. Dactylis, *Linn.* Cocksfootgrass.

854. D. *glomerata*, L. *Rough Cocksfootgrass.* Evergreen, and in fields and on banks.—*very common.*

371. Festuca, *Linn.* Fescuegrass.

855. F. *bromoides*, L. *Barren Fescuegrass.* Glasheen, and on dry soils and sandy banks.—*common.*

856. F. *nana*, Par. *Wall Fescuegrass. (F. myurus, M.F.H.)* Glasheen and on walls and dry barren pastures.—*common.*

857. F. *ovina*, L. *Sheeps Fescuegrass.* Rocks near Midleton.—*common.*

" " β. *rubra*, With. Inchigaggin, Blarney rock—*common*

" " γ. *cæsia*, Sm. On cliffs in the Little Island.—*rare*

" " δ. *tenuifolia*, Sibth. Shanbally, Monkstown, on limestone rocks.—*rather rare.*

" " ε. *vivipara*. Mountains near Bantry: *Mr. J. Drummond.—rare.*

858. F. *rubra*, L. *Creeping Fescuegrass.* Rocks in Little Island: *Mr. J. Drummond.* Dry rocks at Corkabeg: *Rev. Dr. Hincks.—rare.*

859. F. *duriuscula*, L. *Hard Fescuegrass.* Glasheen.—*common.*

860. F. *gigantea*, Vill. *Giant Fescuegrass. (Bromus, M.F.H.)* Roadside near Bandon: *Mr. J. Drummond.* Blarney woods: *Mr. Alexander.* By the Bishopsbrook above George IV. bridge: *Mr. D. Murray.* Curriglass wood: *Dr. Power.—rather rare.*

861. F. *loliacea*, Huds. *Spiked Fescuegrass.* Near Cork: *Rev. Dr. Hincks.* Pastures near Midleton: *Dr. Power.—very rare.*

862. F. *pratensis*, Huds. *Meadow Fescuegrass.* Ballyphehane, and moist soils and rich meadows.—*common.*

863. F. *elatior*, L. *Tall Fescuegrass.* On weir at Sundays Well: *Mr. J. Drummond.* In Ballyphehane bog, Cork: *Rev. Dr. Hincks.—very rare.*

372. Bromus, *Linn.* Bromegrass.

864. B. *erectus*, Huds. *Upright Bromegrass.* On dry ground near Blarney, and in moist sandy fields at Ballyvolane: *Mr. D. Murray.—rare.*

865. B. *asper*, L. *Wood Bromegrass.* Blarney, Lota, and other woods in the county.—*common.*

866. B. *sterilis*, L. *Barren Bromegrass.* Evergreen and by fences.—*common.*

373. Serrafalcus, *Parlatore.* Bromegrass.

867. S. *secalinus*, Bab. *Rye Bromegrass. (Bromus, M.F.H.)* Fields near Fermoy: *Mr. J. Drummond.—rare.*

868. S. *mollis*, Par. *Soft Bromegrass. (Bromus, M.F.H.)* Glasheen and meadows and corn fields.—*very common.*

869. S. *racemosus*, Par. *Smooth Bromegrass. (Bromus, M.F.H.)* Ballyphehane bog: *Mr. J. Drummond.* Fields near Donnybrook, Cork: *Mr. Alexander.* Near the County Jail, and at Blackrock: *Dr. Power.—rather common.*

870. S. *arvensis*, L. *Taper Bromegrass. (Bromus, M.F.H.)* Near Cork: *Mr. J. Drummond.* Field near Evergreen: *Mr. Alexander.* I have not met it.—*very rare.*

374. Brachypodium, *Pal. de Beauv.* Falsebromegrass.

871. B. *sylvaticum*, R. & S. *Slender Falsebromegrass.* Lota and other woods and by hedges.—*very common.*

872. B. *pinnatum*, Beauv. *Heath Falsebromegrass.* "*Mr. J. Drummond*, states that he found it in hedges near Kinsale." J. T. Mackay in Flora Hibernica.—*very rare.*

Tribe XI. *Hordeineæ.*

375. Triticum, *Linn.* Wheatgrass.

873. T. *caninum*, Huds. *Fibrous Wheatgrass.* Blarney wood; Coolmore, near Cork; and in woods and by fences—*rather common.*

874. T. *repens*, L. *Creeping Wheatgrass. Couchgrass.* Evergreen and by fences and in corn, both with and without awns.—*common.*

875. T. *junceum*, L. *Rushy Wheatgrass.* Sandy seashores, frequent? *Mr. Alexander.* On the Warren, Rosscarbery: *Mr. R. W. Townsend.—rather rare.*

376. Lolium, *Linn.* Darnel. Ryegrass.

876. L. *perenne*, L. *Perennial Ryegrass.* Glasheen and meadows, and cultivated grounds.—*very common.*

" " β. *aristatum*. By a quarry, Upper Glasheen: *Dr. Power.—very rare.*

" " γ. *tenue*, L. Dry fields near Dodgesglen and elsewhere.—*very common.*

877.* L. *multiflorum*, Lam. *Italian Ryegrass.* Glenbower wood, on the bank of the river. By the Lee at Inchigaggin, wild?—*rare.*

878. L. *temulentum*, L. *Bearded Darnel.* Glasheen, and in wheat.—*common.*

879. *arvense*, With. *White Darnel.* Evergreen, also in corn.—*common.*

377. Elymus, *Linn.* Lymegrass.

880. E. *arenarius*, L. *Upright Lymegrass.* Ballycotton strand, and at the western extremity of Bere: *Mr. J. Drummond.—very rare.*

378. Hordeum, *Linn.* Barleygrass.

881. H. *pratense*, L. *Meadow Barleygrass.* Roadside at the Brickfields, Cork: *Mr. J. Drummond.* On a marsh next the Little Island bridge: *Mr. Alexander.* Marsh below Douglas: *Dr. Power.—rare.*

882.? H. *murinum*, L. *Wall Barleygrass.* On a wall near Douglas bridge: *Mr. D. Murray.* I have not met it.—*very rare.*

883.? H. *maritimum*, With. *Seaside Barleygrass.* Said to have been found near Clay castle, Youghal: and on strand at Ballycotton. I have never met it.—*very rare.*

Tribe XII. *Rottboelleineæ.*

379. Nardus, *Linn.* Matgrass.

884. N. *stricta*, L. *Common Matgrass.* Rathpeacon and on moors and heaths.—*very common.*

380. Lepturus, *R.Br.* Hardgrass.

885. L. *incurvatus*, Trin. *Sea Hardgrass.* *(Rottboellia, M.F.H.)* Salt marshes below Cork: *Mr. J. T. Mackay, Mr. J. Drummond.* Little Island: *Mr. Alexander.* Millfield, near Rosscarbery: *Mr. R. W. Townsend.* I have never found it.—*very rare.*

THE

BOTANIST'S GUIDE

FOR THE

COUNTY OF CORK.

SECOND DIVISION

CRYPTOGANIC OR CELLULAR PLANTS.

THE BOTANIST'S GUIDE

FOR

THE COUNTY OF CORK.

Class III. ACOTYLEDONES or ACROGENÆ.

Subclass I. DUCTULOSÆ.

Order XCII. EQUISETACEÆ.

381. Equisetum, *Linn.* Horsetail.

1. E. *fluviatile*, Huds. *Water Horsetail.* By the Lee: *Mr. Alexander.* On an island in the Lough of Cork: *Mr. D. Murray.* In a bog at Barryscourt: *Dr. Power.* Near Youghal: *Miss Ball.* Perhaps often passed unobserved. In deep bogs.—*rare.*

2. E. *arvense*, L. *Corn Horsetail.* In Ballyphehane bog; in corn fields, and by roadsides in moist sandy spots—*rather common.*

3. E. *sylvaticum*, L. *Wood Horsetail.* Ballyphehane bog: *Mr. J. Drummond.* Woods near Bandon and Glanmire: *Mr. Alexander.* Vernonmount and Dodgesglen: *Dr. Power.* In wet shady places.—*common.*

4. E. *limosum*, L. *Smooth Horsetail.* In Ballyphehane and other swampy bogs throughout the county.—*common.*

5. E. *palustre*, L. *Marsh Horsetail.* Bogs near Bandon: *Mr. Alexander.* In a bog near Ballincollig castle: *Dr. Power.* Near Youghal: *Miss Ball.*—*rather common.*

6. E. *hyemale*, L. *Rough Horsetail.* By the Lee: *Mr. J. Drummond.* By the river Lee, near Ballincollig: *Mr. Alexander.* Near the Ovens: *Dr. Power.*—*rather rare.*

Order XCIII. FILICACEÆ.

Suborder I. POLYPODIACEÆ.

Tribe I. *Polypodieæ.*

282. POLYPODIUM, *Linn.* POLYPODY.

7. P. *vulgare*, L. *Common Polypody.* Gill Abbey and on rocks, and old trees in all parts of the county.—*very common.*

" " β. *murale*, Sm. On a wall near Lota wood, Cork: *Dr. Power.—rare.*

" " δ.? *cambricum*, Sm. In a grove at Blarney: *Mr. Alexander.—very rare.*

Tribe II. *Aspidieæ.*

383. LASTREA, *Presl.* SHIELDFERN.

8. L. *oreopteris*, Presl. *Sweet Shieldfern.* *(Aspidium, M.F.H.)* On mountains near Bantry: *Mr. J. Drummond.* No other observer has met this in the county.—*very rare.*

9. L. *filixmas*, Presl. *Male Shieldfern.* *(Aspidium, M.F.H.)* Dodgesglen, and in woods.—*common.*

10.? L. *cristata*, Presl. *Crested Shieldfern.* *(Aspidium, M.F.H.)* Shady ditch banks in the county: *Mr. J. Drummond.* There is no station given or other authority for it in the county.—*very rare.*

11. L. *dilitata*, Presl. *Pricklytoothed Shieldfern.* All three varieties are very frequent in the county.

" " α. *triangularis*, *(A. dilatatum, M.F.H.)* Vernonmount, Blarney, &c.—*common.*

" " β. *linearis*, *(A. spinulosum, M.F.H.)* Spike Island: *Mr. J. T. Mackay.* Dodgesglen, &c.—*common.*

" " γ. *dumetorum.* Dunbullogue and other glens.—*very common.*

384. POLYSTICHUM, *Roth.* SHIELDFERN.

12. P. *aculeatum* Roth. *Prickly Shieldfern.* Dodgesglen, and by fences. I have frequently met states of this plant approaching in characters to the β *angulare*, but never entirely corresponding; no state resembling the γ *lobatum* ever occured to me.—*very common.*

Tribe III. *Aspleniea.*

385. ATHYRIUM, *Roth.* FEMALEFERN.

13. A. *filixfœmina* Roth. *Common Femalefern.* *(Asplenium, M.F.H.)* Dodgesglen, and by ditches under Mountdesart, Cork, and moist shady spots.—*common.*

386. ASPLENIUM, *Linn.* SPLEENWORTH.

14. A. *adiantumnigrum*, Huds. *Blackstalked Spleenwort.* On the north side of the Lee, east of Cork: *Dr. C. Smith.* About Friar's walk and on banks.—*common.*

A variety with fronds more finely cut and sharper pointed grows in Mountain glens near Kilworth: *Dr. Power.—rare.*

15. A. *rutamuraria*, L. *Rue Spleenwort.* About Gill Abbey and on walls and limestone rocks.—*very common.*

16. A. *marinum*, L. *Sea Spleenwort.* By the shore near Bantry: *Mr. J. Drummond.* By a spring under the cliff at Whitepoint, Great Island: *Dr. Scott.* On cliffs near Rennie bay: *Mr. Alexander.* On a cliff at Ballywilliam, Cloyne, and Nuckadoon near Cable Island: *Dr. Power.* On moist rocks and cliffs by the coast.—*rather rare.*

17. A. *viride*, Huds. *Green Spleenwort.* High mountains in the county; sparingly on Hungry Hill: *Mr. J. Drummond.—very rare.*

18. A. *trichomanes*, L. *Common Spleenwort.* On rocks near the Bandon river: *Dr. C. Smith.* Gill Abbey, Ballinlough, on limestone rocks at Blarney luxuriantly, on walls and rocks.—*common.*

387. SCOLOPENDRIUM, *Sm.* HARTSTONGUE.

19. S. *vulgare*, Sym. *Common Hartstongue.* Ballinlough, Gill-Abbey, and on shady rocks and walls.—*very common.*

Tribe IV. *Grammitideæ.*

388. CETERACH, *Willd.* CETERACH.

20. C. *officinarum*, Wild. *Common Ceterach, (Grammitis ceterach, M.F.H.)* Ballinlough, and on sunny walls and limestone rocks.—*very common.*

Tribe V. *Adiantariæ.*

389. BLECHNUM, *Linn.* HARDFERN.

21. B. *boreale*, Sw. *Northern Hardfern.* Vernonmount and on heaths and in barren glens.—*very common.*

390. PTERIS. *Linn.* BRAKE.

22. P. *aquilina*, L. *Common Brake.* Dodgesglen, and on heaths and old pastures.—*very common.*

Suborder II. HYMENOPHYLLACEÆ.

Tribe VI. *Hymenophyllæ.*

391. TRICHOMANES, *Linn.* BRISTLEFERN.

23. T. *speciosum*, Wild. *Elegant Bristlefern. (T. brevisetum, M.F H.)* At a fall of the small river Clashgariffe, about a mile from where it joins the Lee: *Mr. J. Drummond.* Beneath a dripping rock in Templemichael glen, close below the high bridge, about four miles from Cork, very sparingly: *Mr. D. Murray.* It still exists there. Near Glandore: *Dr. G. J. Allman.* On the banks of several of the lakes near Bantry: *Mr. C. C. Babington.—very rare.*

392. HYMENOPHYLLUM, *Sm.* FILMYFERN.

24. H. *tunbridgense*. Sm. *Tunbridge Filmyfern.* At Ballinhassig,

Waterfall: *Mr. J. Drummond.* Lota wood and Dunbullogue glen, Cork: *Mr. D. Murray.* Glenbower, Killeagh, in very great luxuriance: *Dr. Power.* It is still to be found in all these stations.—*rather rare.*

Suborder III. OSMUNDACEÆ.

Tribe VII. *Osmundeæ.*

393. Osmunda, *Linn.* Royalfern.

25. O. *regalis*, L. *Common Royalfern.* Ballyphehane, Ducloyne, and other bogs, and by streams.—*very common.*

Tribe VIII. *Ophioglosseæ.*

394. Botrychium, *Sw.* Moonworth.

26. B. *lunaria*, Sw. *Common Moonwort.* Once found in a field near the Cork new Barracks: *Mr. J. Drummond.* Near Watergrass hill: *Dr. Wood.* Near Carrigaline: *Mr. Alexander.* Ballynona hill, Castlemartyr: *Dr. Power.* Bilbery hill, Midleton: *Mr. R. W. Townsend.* I have met it in the two latter stations only.—*very rare.*

395. Ophioglossum, *Linn.* Adderstongue.

27. O. *vulgatum* L. *Common Adderstongue.* Near Bantry: *Miss Hutchins.* Ballyphehane: *Mr. J. Drummond.* Horsehead lawn: *Mr. D. Murray.* Bilbery hill, Midleton: *Dr. Power, Mr. R. W. Townsend.*—*very rare.*

Order XCV. LYCOPODIACEÆ.

396. Lycopodium, *Linn.* Clubmoss.

28. L. *clavatum*, L. *Common Clubmoss.* Rochestown hill, between Cork and Passage: *Mr. Alexander.* On a bank at Willsville, by the new Carrigaline and Cork road: *Mr. D. Murray.* Both stations probably destroyed.—*rare.*

29. L. *selago*, L. *Fir Clubmoss.* Mountainous bogs: *Mr. J. Drummond.* Near the source of Ballinhassig stream and on Bottlehill mountain between Cork and Mallow: *Dr. Power.* Near Killeddy hill Cork: *Mr. D. Murray.* Boggy heathy fields at Rathpeacon: *Dr. Wood.* This plant is not as common in this county as in Kerry.—*rare.*

30. L. *selaginoides*, L. *Lesser Clubmoss.* On mountains near Bantry: *Mr. J. Drummond.* There is no other station for this.—*very rare.*

Order XCVI. CHARACEÆ.

397. Chara, *Vaill.* Stonewort.

31. C. *translucens*, Pers. *Transparent Stonewort.* In a dyke opposite Vernonmount gate, Cork: *Dr. W. H. Harvey.* In a ditch near Rathcooney, Cork: *Mr. D. Murray.* I have not met with it.—*rare.*

32. C. *flexilis*, L. *Flaccid Stonewort.* Ballyphehane bog: *Mr. J. Drummond.* By the river of Riverstown: *Mr. D. Murray.* Ducloyne bog: *Dr. Power.—rare.*

33. C. *vulgaris*, L. *Common Stonewort.* Ballyphehane bog: *Mr. J. Drummond.* In bogs and streams between Cork and Ballinhassig, and throughout the county.—*common.*

34. C. *aspera*, Willd. *Rough Stonewort.* Shannagarry bog, near Cloyne: *Dr. Power.* I have seen it nowhere else.—*very rare.*

35. C. *hispida*, Linn. *Hispid Stonewort.* Ballyphehane bog: *Mr. J. Drummond.* Summerstown bog: *Mr. Alexander.* Ballynoe bog, by the Ballyhooly road: *Mr. D. Murray.* Inchacummawn bog, Blarney: *Dr. Power.—rather rare.*

There is an extremely hispid variety of this in the bog of Coppingerstown near Midleton, with the stem much larger than the common varieties.—*rather rare.*

Subclass II. CELLULOSÆ.

Order XCVII. MUSCI or BRYACEÆ.

Suborder I. ACROCARPEÆ.

Tribe I. *Astomeæ.*

398. Phascum, *Linn.* Earthmoss.

36. P. *serratum*, Schreb. *Serrated Earthmoss.* In stubble fields back of Vernonmount: *Mr. Alexander.* Near Hamstead, Cork: *Dr. Power.—rather rare.*

37. P. *alternifolium*, Dicks. *Alternateleaved Earthmoss.* On bogs near Bantry: *Miss Hutchins.—very rare.*

38. P. *subulatum*, Linn. *Awlleaved Earthmoss.* On hedge banks near Rathpeacon, and in fallow fields occasionally.—*common.*

39. P. *axillare*, Dicks. *Axillary Earthmoss.* On banks about Rathpeacon and Ballynoe, Cork: *Mr. D. Murray.—very rare.*

40. P. *muticum*, Schreb. *Dwarf Earthmoss.* On moist banks.—*Mr. Alexander.* On banks at Kilnap, Cork: *Dr. Power.—rare.*

41. P. *cuspidatum*, Schreb. *Common Earthmoss.* On banks and in stubble fields: *Mr. Alexander.* Great Island: *Dr. Scott.* Glasheen and Inchigaggin: *Dr. Power.—common.*

42. P. *rectum*, With. *Upright Earthmoss.* On rubbish in the quarry near the Gasworks: *Mr. Alexander.* Great Island: *Dr. Scott.—common.*

Tribe II. *Gymnostoneæ.*

399. Sphagmum, *Linn.* Bogmoss.

43. S. *obtusifolium*, Ehrh. *Broadleaved Bogmoss.* Ballyphehane and other bogs and heaths.—*very common.*

44. S. *squarrosum*, W. & M. *Recurved Bogmoss.* By the lake at Blarney: *Mr. Alexander.* Ballynoe and other bogs near Cork, and throughout the county.—*rather common.*

45. S. *acutifolium*, Ehrh. *Narrowleaved Bogmoss.* Rathpeacon and Ballynoe bogs near Cork, and on moist heaths.—*common.*

400. Gymnostomum *Hedw.* Beardlessmoss.

46. G. *viridissimum*, Sm. *Bright Beardlessmoss.* On rocks at Carrigrohane and trees and walls about Glanmire: *Mr. Alexander.* Great Island: *Dr. Scott.* On trees at Blarney and Oldcourt: *Dr. Power..—rather common.*

47. G. *ovatum*, Hed. *Hairyleaved Beardlessmoss.* On dry banks near the sea: *Mr. Alexander.* Horsehead cliffs, Passage: *Mr. D. Murray.—rare.*

48. G. *truncatulum*, Hoff. *Bluntfruited Beardlessmoss.* In Ballyphehane bog, and near Douglas on damp banks.—*common.*

49. G. *Wilsonii*, Hook. *Wilsonian Beardlessmoss.* In the Great Island: *Dr. Scott.* I have not met this species.—*very rare.*

50. G. *Heimii*, Hed. *Longstalked Beardlessmoss.* On Monarea and other salt marshes near Cork and Douglas.—*rather rare.*

51. G. *conicum*, Schwaegr. *Bluntlidded Beardlessmoss.* On banks near Cork: *Mr. J. Drummond.* Near the Gasworks: *Mr. Alexander.* —*rather common.*

52. G. *fasciculare*, Hed. *Bluntpear Beardlessmoss.* In a bog at Ballinamought, and at Inchigaggin, and in moist stubbles—*common.*

53. G. *pyriforme*, Hed. *Sharppear Beardlessmoss.* On a bank in Ballyphehane bog, and by the Lee.—*very common.*

54. G. *microstomum*, Hed. *Smallmouthed Beardlessmoss.* On Rochestown hill, Passage; and Whitepoint Great Island: *Mr. Alexander.* I have not met it.—*very rare.*

401. Anictangium, *Hedw.* Branchedmoss.

55. A. *ciliatum*, Hed. *Hoary Branchedmoss.* On rocks at Rathpeacon near Cork, and on stony mountains.—*common.*

" " β. *imberbe.* Mountains in the south of Ireland: *Miss Hutchins.* I have never seen it.—*very rare.*

56. A. *striatum*, Wils. *Green Branchedmoss.* β. *unicolor.* Glengariff near Bantry. *Mr. W. Wilson.—rare.*

Tribe III. *Peristomeæ.*

Section I. APLOPERISTOMI.

402. Splachnum, *Linn.* Splachnum.

57. S. *mnioides*, L. *Tapering Splachnum.* Near Bantry: *Miss Hutchins.—rare.*

403. Encalypta, *Hedw.* Extinguishermoss.

58. E. *streptocarpa*, Hed. *Spiralfruited Extinguishermoss.* On walls at Silverspring and many other places near Cork; always barren.—*rather rare.*

59. E. *vulgaris*, Hed. *Common Extinguishermoss.* Limestone quarries at Blackrock: *Mr. Alexander.* Quarry near Gasworks and by Boreenmana: *Mr. D. Murray.* On limestone at Ballyvodock, Midleton: *Dr. Power.* On limestone rocks only—*rather rare.*

404. WEISSIA, *Hedw.* WEISSIA.

60. W. *lanceolata*, H. & T. *Lanceolate Weissia.* On banks at Glanmire and Ballinlough: *Mr. Alexander.—rather rare.*

61. W. *cirrhata*, Hed. *Curled Weissia.* In the Great Island: *Dr. Scott.* About Rathpeacon: *Dr. Power.* Rathcooney: *Mr. D. Murray.—rather rare.*

62. W. *curvirostra*, H. & T. *Curvebeaked Weissia.* On walls and on banks at Ballinlough and other places.—*rather common.*

63. W. *crispula*, Hed. *Curledleaved Weissia.* Great Island: *Dr. Scott.—very rare.*

64. W. *controversa*, Hed. *Cushioned Weissia.* Rathpeacon, and banks in all parts of the county.—*very common.*

405. GRIMMIA, *Ehrh.* GRIMMIA.

65. G. *apocarpa*, Hed. *Sessile Grimmia.* Both varieties.

" " *α. nigroviridis.* On the weirs at Sundays Well: *Mr. Alexander.* On limestone rocks at the edge of the Bishopsbrook: *Dr. Power.—rare.*

" " *β. stricta.* On a wall at Evergreen; Blarney; and on limestone rocks throughout the county.—*common.*

66. G. *maritima*, Turn. *Seaside Grimmia.* On rocks at Whitepoint near Cove: *Dr. Scott.* On Haulbowline Island: *Dr. Power.* On rocks by the seacoast.—*rather rare.*

67. G. *pulvinata*, Sm. *Cushioned Grimmia.* On a wall near the Douglas road; Blackrock; Blarney and on dry stones.—*rather rare.*

406. DIDYMODON, *Hedw.* DIDYMODON.

68. D. *purpureus*, H. & T. *Purple Didymodon.* Rathpeacon, and on walls.—*common.*

69. D. *nervosus*, H. & T. *Thicknerved Didymodon.* In the south of Ireland. See English Flora, volume the 5th part 1st.—*rare.*

70. D. *rigidulus*, Hed. *Rigidleaved Didymodon.* In the Great Island: *Dr. Scott.* Limestone rocks near the Lee: *Mr. Alexander.—rather rare.*

71. D. *trifarius*, Sw. *Threeranked Didymodon.* On walls near Cork: *Mr. J. Drummond*, in Mus. Brit. Blackrock and Douglas: *Mr. Alexander.—rather rare.*

72. D. *heteromallus*, H. & T. *Curveleaved Didymodon.* On barren soil by the new Carrigaline road, near Willsville: *Mr. D. Murray.—rare.*

73. D. *pusillus*, Hed. *Dwarf Didymodon.* In a sand quarry near Dodgesglen, Cork: *Mr. D. Murray.* I have not met it.—*very rare.*

407. TRICHOSTOMUM, *Hedw.* FRINGEMOSS,

74. T. *lanuginosum*, Hed. *Wooly Fringemoss.* Near Ardrum: *Mr. Alexander.* On Corrongall mountain in Barrymore in fruit: *Dr. Power.—common.*

75. T. *canescens*, Hed. *Hoary Fringemoss.* Near Bandon: *Mr. Alexander.* I have not met it.—*very rare.*

76. T. *heterostichum*, Hed. *Serrated Fringemoss.* Blarney; Rathpeacon; Kilnap; and on stones in heathy places.—*common.*

77. T. *aciculare*, Beauv. *Dark Fringemoss.* On wet stones at Kilnap, and by the Lee and other rivers.—*very common.*

78. T. *fasciculare*, Schrad. *Beardless Fringemoss.* Near Ardrum: *Mr. Alexander.* At Rathpeacon on rocks, and on stony hills—*rare.*

79. T. *polyphyllum*, Schwaegr. *Manyleaved Fringemoss.* Rathpeacon; Kilnap; old Blarney road, and other places—*very common.*

80. T. *elipticum*, H. & T. *Eliptical Fringemoss.* Near Bantry: *Miss Hutchins.* Not found elsewhere in the county.—*very rare.*

408. Glyphomitrion, *Brid.* Glyphomitrion.

81. G. *Daviesii*, Brid. *Davies's Glyphomitrion.* Near Bantry: *Miss Hutchins.* Accompanied by the last rare moss.—*very rare.*

409. Dicranum, *Hedw.* Forkmoss.

82. D. *bryoides*, Sw. *Least Forkmoss.* Vernonmount and moist banks.—*common.*

83. D. *adiantoides*, Sw. *Adiantum Forkmoss.* Mountdesart, and on moist banks.—*common.*

84. D. *taxifolium*, Sw. *Yewleaved Forkmoss.* Vernonmount and on moist spots and shady banks.—*common.*

85. D. *glaucum*, Hed. *White Forkmoss.* Dunscombes wood, and in bogs and marshy woods, barren.—*rather common.*

86. D. *cerviculatum*, Hed. *Rednecked Forkmoss.* In bogs at Rathcooney and Kilnap, Cork: *Mr. D. Murray.* I have not met it.—*rare.*

87. D. *flexuosum*, Hed. *Zigzag Forkmoss.* Great Island: *Dr. Scott.* Ballyphehane and other turfy bogs.—*very common.*

88. D. *flavescens*, Sm. *Yellowish Forkmoss.* Lota wood and Ballinhassig glen: *Mr. D. Murray.* I have never found it.—*rather rare.*

89. D. *crispum*, Hed. *Curled Forkmoss.* By the river in Dunbullogue glen, near Cork: *Mr. D. Murray.* I have not seen it.—*very rare.*

90. D. *flagellare*, Hed. *Uprightfruited Forkmoss.* Two varieties in the south of Ireland, probably about Glengariff: *Mr. W, Wilson.*—*rare.*

91. D. *scottianum*, Tur. *Scottish Forkmoss.* At Glengariff: *Mr. Wilson.*—*rare.*

92. D. *undulatum*, Ehrh. *Waveleaved Forkmoss.* Hills near Douglas, and in bogs and woods, barren.—*common.*

93. D. *scoparium*, Hed. *Broom Forkmoss.* Lota and other woods.—*common.*

94. D. *varium*, Hed. *Variable Forkmoss.* Near Douglas and on moist clayey banks and stubbles.—*very common.*

95. D. *heteromallum*, Hed. *Silky Forkmoss.* Glasheen and by streams.—*common.*

96. D. *subulatum*, Hed. *Awlleaved Forkmoss.* Great Island: *Dr. Scott.* Perhaps the latter, which is common in the Island, and not noticed in Dr. Scott's list was mistaken for this.—*very rare.*

410. Tortula, *Hedw.* Screwmoss.

97. T. *rigida*, Tur. *Aloe Screwmoss.* By the Mardyke and on walls, and hedgebanks and rubbish.—*common.*

98. T. *convoluta*, Sw. *Convolute Screwmoss.* Hydepark, and on walls and fixed stones.—*common.*

99. T. *revoluta*, Brid. *Revolute Screwmoss.* Banks near Cork: *Mr. J. Drummond.*—*very rare.*

100. T. *muralis*, Hed. *Wall Screwmoss.* Evergreen, and on walls and hedgebanks.—*very common.*

101. T. *ruralis*, Sw. *Hairy Screwmoss.* Evergreen, and on roofs and barren rocks.—*very common.*

102. T. *subulata*, Hed. *Awlshaped Screwmoss.* Blarney: *Mr. Alexander.* Rathpeacon, Barryscourt, and Little Island: *Dr. Power.*—*rather rare.*

103. T. *unguiculata*, H. & T. *Birdsclaw Screwmoss.* Evergreen, and on rubbish and walls.—*very common.*

104. T. *cuneifolia*, Tur. *Wedge Screwmoss.* On ditches near Bantry: *Miss Hutchins.* Great Island: *Dr. Scott.* On banks at Glanmire and Little Island: *Mr. Alexander.* Cove of Cork: *Mr. W. Wilson.*—*rather rare.*

105. T. *tortuosa*, Hed. *Frizzled Screwmoss.* Near Inchagaggin, and on limestone rocks, rarely in fruit.—*rather common.*

106. T. *fallax*. Sw. *Fallacious Screwmoss.* In fields at Glasheen, and on hedge banks and walls about Cork and Great Island.—*rather rare.*

107. T. *gracilis*, H. & G. *Slender Screwmoss.* Near Cork: *Mr. J. Drummond.* I have never seen it here.—*very rare.*

411. Cinclidotus, *Beauv.* Latticemoss.

108. C. *fontinaloides*, Beauv. *Fountain Latticemoss.* On the weirs at Sundays well, and in rivers and streams.—*very common.*

412. Polytrichum, *Linn.* Hairmoss.

109. P. *undulatum*, Hed. *Undulated Hairmoss.* Vernonmount, and in shady and damp woods.—*common.*

110.? P. *hercynicum*, Hed. *Hercynian Hairmoss.* Great Island: *Dr. Scott.* I have never met this, and suspect there must be some error with regard to it, as it has not been found elsewhere in Ireland, and the Island is not a likely station for it.—*very rare.*

111. P. *piliferum*, Schreb. *Bristlepointed Hairmoss.* On rocks at Rathpeacon, and on hilly heaths and steep glens.—*common.*

112. P. *juniperinum*, Willd. *Juniper Hairmoss.* Rocks at Blarney, and about Rathpeacon and in barren glens.—*rather common.*

113. P. *commune*, L. *Common Hairmoss.* Dodgesglen and in woods and moory bogs.—*common.*

114. P. *urnigerum*, L. *Urned Hairmoss.* In a quarry at Vernonmount, Monkstown, Glanmire, and in heathy places.—*common.*

115. P. *aloides*, Hed. *Aloe Hairmoss.* Vernonmount, and by fences.—*common.*

„ „ *Dicksoni.* In Glanmire wood and moist dykes in mountainous districts in the county.—*rather rare.*

116. P. *nanum*, Hed. *Dwarf Hairmoss.* Near Ballinhassig, and Pluckanes, Blarney, and on moist banks.—*rather common.*

Section II. DIPLOPERISTOMI.

413. Entosthodon, *Schwaegr.* Entosthodon.

117. E. *Templetoni*, Schw. *Templetons Entosthodon.* By the river at Dunbullogue: *Mr. D. Murray.* Near Ballinhassig by a stream, and near Pouladuffe, Cork, under a bank: *Dr. Power.—rather rare.*

414. Funaria, *Schreb.* Cordmoss.

118. F. *hygrometrica*, Hed. *Hygrometric Cordmoss.* Glasheen, Ballinlough, and on walls and in stubbles.—*very common.*

119. F. *Mullenbergii*, Turn. *Mullenberg Cordmoss.* In the south of Ireland, probably about Blarney.—English Flora, vol. v.—*rare.*

120. F. *hibernica*, Hook. *Irish Cordmoss.* On the roof of a thatched cottage at Blarney, *Mr. J. Drummond.*—English Flora, vol. v.—*very rare.*

415. Zygodon, *Hook & Taylor*, Yokemoss.

121. Z. *conoideus*, H. & T. *Lesser Yokemoss.* Glanmire on trees: *Mr. D. Murray.* Blarney on Elm: *Dr. Power.—rather rare.*

416. Orthotricum, *Hedw.* Bristlemoss.

122. O. *cupulatum*, Hoff. *Sessile Bristlemoss.* On limestone rocks near Carrigrohane: *Mr. Alexander.* Near Blarney: *Mr. D. Murray.—rather rare.*

123. O. *anomalum*, Hed. *Anomalous Bristlemoss.* Ballinlough, Glasheen, and on limestone rocks.—*very common.*

124. O. *affine*, Schrad. *Straightleaved Bristlemoss.* At Blarney and Glanmire woods, on trees and walls.—*rather common.*

125. O. *diaphanum*, Schrad. *Clearpointed Bristlemoss.* Great Island: *Dr. Scott.* On trees near the Mardyke and walls at Glanmire: *Mr. Alexander.—rare..*

126. O. *rivulare*, Sm. *River Bristlemoss.* On stones in the Lee: *Mr. Alexander.* I have not met it.—*rare.*

127. O. *striatum*, Hed. *Common Bristlemoss.* On trees Blarney and Lota.—*common.*

128. O. *Hutchinsiæ*, Sm. *Hutchins' Bristlemoss.* On large stones near Bantry: *Miss Hutchins.* Great Island: *Dr, Scott.* On rocks at Rathpeacon, very sparingly: *Dr. Power.—very rare.*

129. O. *crispum*, Hed. *Curled Bristlemoss.* Lota and other woods.—*common.*

130. O. *pulchellum*, Sm. *Elegant Bristlemoss.* On Elms near Passage, and on a wall near Whitepoint: *Mr. Alexander.* On trees above Ronayne's Court, and on Larch Fir in a grove at Blarney: *Mr. D. Murray.—rather rare.*

417. Bryum, *Linn.* Threadmoss.

131. B. *palustre*, Sw. *Marsh Threadmoss.* Rathpeacon and in bogs.—*common.*

132. B. *carneum*, L. *Softleaved Threadmoss.* Near Cork: *Mr. J.*

Drummond. On wet banks in Ballyphehane bog: *Mr. Alexander.* I have never found this moss.—*rather rare.*

133. B. *argenteum*, L. *Silvery Threadmoss.* Evergreen, and on walls.—*common.*

134. B. *pyriforme* Swr. *Pearfruited Threadmoss.* On the walls of a Greenhouse at Blackrock: *Mr. Alexander.* On a rock under Blarney Castle: *Mr. D. Murray.* I could not meet it tho' shown the spot.—*very rare.*

135. B. *capillare*, L. *Matted Threadmoss.* Rathpeacon and in bogs.—*common.*

136. B. *cæspititium*, L. *Tufted Threadmoss.* Evergreen and on walls.—*common.*

137. B. *nutans*, Schreb. *Silky Threadmass.* Near Timoleague: *Mr. Alexander.*—*rare.*

138. B. *alpinum*, L. *Alpine Threadmoss.* In a bog near Bandon: *Mr. Alexander.* This has been lately sought for in vain in that station.—*very rare.*

139. B. *ventricosum*, Dick. *Swelling Threadmoss.* Rathpeacon, and on banks and in bogs,—*common.*

140. B. *roseum*, Schreb. *Rosaceous Threadmoss.* Woods at Blarney in fruit: *Mr. J. Drummond.* Woods at Glanmire, barren: *Mr. Alexander.* I could never find it in Blarney, and it must be very scarce there.—*very rare.*

141. B. *ligulatum*, Schreb. *Strapleaved Threadmoss.* In woods at Vernonmount, Blarney, Glanmire, &c.—*very common.*

142. B. *punctatum*, Schreb. *Dotted Threadmoss.* Vernonmount, Oldcourt, Blarney, and in moist woods.—*rather common.*

143. B. *rostratum*, Schrad. *Beaked Threadmoss.* Blarney, Donnybrook, Glanmire, generally by streams.—*rather common.*

144. B. *hornum*, Schreb. *Swansneck Threadmoss.* Vernonmount, Blarney, Lota and other shady moist woods.—*very common.*

145. B. *Tozeri*, Grev. *Diaphanous Threadmoss.* On a moist sandy claybank of the river Lee, in one spot only, April 17, 1836: *Mr. Alexander.*—*very rare.*

418. Bartramia, *Hedw.* Applemoss.

146. B. *pomiformis*, Hed. *Common Applemoss.* Rathpeacon, Glasheen, Shanakiel, and on dry banks.—*very common.*

147. B. *fontana*, Sw, *Fountain Applemoss.* Rathpeacon, and in bogs, by springs.—*very common.*

148. *halleriana*, Hed. *Hallerian Applemoss.* Ballinhassig glen, and on rocks by the Lee, always barren: *Mr. Alexander.* I have never met it.—*very rare.*

Suborder II. PLEUROCARPEÆ.

Tribe I. *Gymnostomeæ.*

419. Hedwigia, *Hook.* Hedwigia.

149. H. *æstiva*, Hook. *Summer Hedwigia.* Near Bantry: *Miss Hutchins.* I have not seen it.—*very rare.*

Tribe II. *Peristomeæ.*

Section I. APLOPERISTOMI.

420. Pterogonium, *Sw.* Pterogonium.

150. P. *filiforme*, Schw. *Filiform Pterogonium.* Ballinhassig glen, barren: *Mr. Alexander.* I could never meet this, and fear a mistake.—*very rare..*

Section II. DIPLOPERISTOMI.

421. Neckera, *Hedw.* Neckera.

151. N. *pumila*, Hed. *Small Neckera.* On Cherrylaurel trees in the Rockclose Blarney, beautifully in fruit: *Mr. D. Murray.* It is most luxuriant there.—*rare.*

152. N. *crispa*, Hed. *Crisped Neckera.* Great Island: *Dr. Scott* Blarney castle: *Mr. Alexander.* Inchigaggin: *Dr. Power.* Very rare in fruit. I was pointed it out most beautifully in fruit in a grove at Blarney, by Mr. D. Murray. In a barren state, *common.* In a fertile state.—*rare.*

422. Anomodon, *H. & T.* Anomodon.

153. A. *viticulosum*, H. & T. *Cylindrical Anomodon.* On limestone rocks at Inchigaggin and other places, barren. In fruit on rocks at Blarney. Barren—*common.* Fertile.—*rather rare.*

423. Daltonia, *H. & T.* Daltonia.

154. D. *heteromalla*, H. & T. *Lateral Daltonia.* On trees by the Mardyke, and in woods and lawns.—*very common.*

424. Fontinalis, *Linn.* Watermoss.

155. F. *antipyretica*, L, *Greater Watermoss.* On the weirs at Sundays Well. In fruit in a small stream near Ballinhassig—*common.*

156. H. *squarrosa*, L. *Alpine Watermoss.* In the river at Carrignavar and Dunbullogue, rare in fruit: *Dr. Power.*—*rare.*

425. Hookeria, *Smith.* Hookeria.

157. H. *lucens*, Sm. *Shining Hookeria.* Vernonmount, and on moist banks and damp woods.—*rather common.*

158. H. *albicans*, Tay. *Lesser Hookeria.* By rills in Duascombes wood near Cork, where it has become very scarce in consequcnce of specimen gatherers carrying it away. It was first discovered there by *Mr. J. Drummond*, so often quoted.—*very rare.*

426. Hypnum, *Linn.* Feathermoss.

159. H. *trichomanoides*, L. *Fernlike Feathermoss.* On trees in Blarney, Glanmire, and other woods, seldom in fruit.—*common.*

160. H. *complanatum*, L. *Flat Feathermoss.* Glanmire, and on trees.—*common.*

161. H. *riparium*, L. *Water Feathermoss.* Ballyvolane and by springs and still brooks.—*rather rare.*

162. H. *undulatum*, L. *Waved Feathermoss.* In a wood at Old court: *Mr. Alexander.* Vernonmout; Knockahorgan wood, barren; Glenbower near Killeagh, in fruit: *Dr. Power.* Not uncommon; in fruit.—*rare.*

163. H. *denticulatum*, L. *Sharp Feathermoss.* Ballyvolane, and on banks.—*common.*

164. H. *tenellnm*, Dick. *Awlleaved Feathermoss.* On walls at Hydepark and Douglas, and on limestone rocks near Carrigaline.—*rather rare.*

165. H. *serpens*, L, *Whiteveiled Feathermoss.* Evergreen, and on walls in several parts of the county.—*rather common.*

166. H. *fluviatile*, Swartz. *River Feathermoss.* On rocks in the river at Ballinhassig near Cork: *Dr. Taylor.*— *very rare.*

167. H. *populeum*, Hed. *Matted Feathermoss.* Vernonmount, and on stones.—*common.*

168. H. *flavescens*, Wil. *Yellowish Feathermoss.* Near Glengariff: *Mr. Wilson.*—*rare.*

169. H. *murale*, Hed. *Wall Feathermoss.* Walls by the Passage road: *Mr. Alexander.* At Hydepark and Summerhill, Cork: *Mr. D. Murray.*—*rather common.*

170. H. *purum*, L. *Meadow Feathermoss.* Glasheen and in fields.—*common.*

171. H. *piliferum*, Schreb. *Hairpointed Feathermoss.* Vernonmount, and on banks, in fruit at Blarney: *Mr. Alexander.*—*common.*

172. H. *Schreberi*, Willd. *Schreberian Feathermoss.* Rathpeacon and Kilnap in fruit, in a barren state.—*very common.*

173. H. *plumosum*, L. *Rusty Feathermoss.* In the stream at Ballinhassig: *Mr. Alexander.* By the Stream of Rathpeacon: *Mr. D. Murray.*—*rather rare.*

174. H. *polyanthos*, Hook. *Manyfruited Feathermoss.* Great Island: *Dr. Scott.* I have not met it.—*very rare.*

175. H. *sericeum*, L. *Silky Feathermoss.* Vernonmount and on banks.—*common.*

176. H. *lutescens*, Huds. *Yellow Feathermoss.* On rocks near Carrigrohan Castle, and on trees at Blarney: *Mr. Alexander.*—*rare.*

177. H. *albicans*, Neck. *Whitish Feathermoss.* Sandy ground near Cove: *Mr. Alexander.* The only finder of it.—*very rare.*

178. H. *alopecurum*, L. *Foxtail Feathermoss.* Blarney and other woods.—*common.*

179. H. *dendroides*, L. *Treelike Feathermoss.* Ballyphehane and other bogs. In fruit, very rare.—*common.*

180. H. *curvatum*, Sw. *Curved Feathermoss.* Lota and other woods.—*rather common.*

181. *myosuroides*, L. *Mousetail Feathermoss.* Lota and other woods in most parts of the county.—*common.*

182. H. *splendens*, Hed. *Glittering Feathermoss.* Knockahorgan and other woods and hedge banks, seldom fruiting.—*very common.*

183. H. *proliferum*, L. *Proliferous Feathermoss.* Vernonmount, and woods generally.—*very common.*

184. H. *prælongum*, L. *Long Feathermoss.* Vernonmount and woods in most parts of the county.—*very common.*

185. H. *flagellare*, Dick. *Flagellate Feathermoss.* Ballinhassig glen, where I also found it: *Mr. Alexander.—very rare.*

186. H. *micans*, Hook. *Sparkling Feathermoss.* Glengariff and south of Ireland in woods: *Miss Hutchins, Dr. Taylor.—very rare.*

187. H. *crassinervium*, Tay. *Thicknerved Feathermoss.* On limestone near Cork, and south of Ireland: *Dr. Taylor.—very rare.*

188. H. *rutabulum*, L. *Roughstalked Feathermoss.* Vernonmount and Lota woods, and on stones and banks.—*very common.*

189. H. *velutinum*, L. *Velvet Feathermoss.* On rocks and trees at Rocksborough near Midleton: *Dr. Power.—very rare.*

190. H. *ruscifolium*, Neck. *Rivulet Feathermoss.* In Dodges-glen, and in rivulets and running streams.—*very common.*

191. H. *striatum*, Schreb. *Striated Feathermoss.* Lota and other woods in all parts of the county.—*very common.*

192. H. *confertum*, Dick. *Clustered Feathermoss.* Glasheen, and on stones every where.—*very common.*

193. H. *cuspidatum*, L. *Pointed Feathermoss.* Rathpeacon, and in bogs and marshes.—*common.*

194. H. *cordifolium*, Hed. *Heartleaved Feathermoss.* In Ballyphehane bog in fruit: *Mr. Alexander.* In fruit, *rare;* barren, *rather common.*

195. H. *stellatum*, Schreb. *Starry Feathermoss.* In Rathpeacon and other barren bogs.—*very common.*

196. H. *loreum*, L. *Rambling Feathermoss.* In woods near Bandon: *Mr. Alexander.* Glanmire and Lota woods: *Mr. D. Murray.* in fruit rare.—*common.*

197. H. *triquetrum*, L. *Triquetrous Feathermoss.* Kilnap glen and in thickets, in fruit,rather rare, barren.—*very common.*

198. H. *brevirostre*, Ehrh. *Shortbeaked Feathermoss.* In Blarney and Glanmire woods: *Mr. D. Murray.* Donnybrook wood: *Dr. Power.—rare.*

199. H. *squarrosum*, L. *Droopingleaved Feathermoss.* Glasheen, Kilnap, and in bogs and fields, in fruit, *rare;* barren, *very common.*

200. H. *filicinum*, L. *Fernleaved Feathermoss.* In Ballyphehane, and other bogs, in fruit at Glanmire and Rathpeacon.—*rather rare.*

201. H. *palustre*, L. *Marsh Feathermoss.* On the weirs at Sunday's well: *Mr. Alexander*; and in Rathpeacon by a small rivulet.—*rather common.*

202. H. *fluitans*, L. *Floating Feathermoss.* Ballyphehane bog: *Mr. Alexander.* On the Glenville mountains in bog holes, barren: *Dr. Power.—common.*

203. H. *aduncum*, L. *Clawleaved Feathermoss.* In a marsh near Frankfort, south of Cork: *Mr. Alexander.* In cold bogs.—*rather common.*

" " *a. revolvens.* In a bog near Bandon: *Mr. Alexander.—rare.*

204. H. *commutatum*, Hed. *Curled Feathermoss.* On dripping cliffs by the road at Dunscombes wood: *Mr. Alexander.* In a wood at Glentown near Glanmire: *Mr. D. Murray.* The first station is destroyed.—*rare.*

205. H. *scorpioides*, L. *Scorpion Feathermoss.* In bogs, not common: *Mr. Alexander.* I have never met it.—*very rare.*

206. H. *cupressiforme*, L. *Cypressleaved Feathermoss.* Two varieties.
" " α. *vulgare*, On rocks at Glasheen.—*very common.*
" " β. *compressum.* In Lota, Mountdesart, and other woods in many parts of the county.—*common.*

207. H. *multiflorum*, Tay. *Manyflowered Feathermoss.* About Rathpeacon and Kilnap, &c., on stones and trees, frequently passed over.—*rather rare.*

208. H. *molluscum*, Hed. *Plumycrested Feathermoss.* Vernonmount, and on trees and stones.—*very common.*

Order XCVIII. JUNGERMANNIACEÆ.

427. MARCHANTIA, *Mich.* MARCHANTIA.

209. M. *polymorpha*, L. *Polymorphous Marchantia.* Great Island: *Dr. Scott.* About Cork: *Mr. Alexander.* Young grove near Midleton: *Miss M. Ball.—rather rare.*

210. M. *lævis*, Wils. *Smooth Marchantia.* Roadsides and on banks at Ballylickey near Bantry: *Mr. W. Wilson.—very rare.*

428. FEGATELLA, *Raddi.* FEGATELLA.

211. F. *conica*, Linn. *Conical Fegatella.* Ballinhassig glen, in flower: *Mr. Alexander.* Castlemartyr: *Miss Ball.* Old Court, near Cork, by the stream: *Mr. D. Murray.—rare.*

212. F. *hemispherica*, L. *Hemispherical Fegatella.* On dry banks: *Mr. Alexander.* On a limestone rock near the Gasometer, Cork: *Mr. D. Murray.* I have seen it in the last station.—*rare.*

429. HYGROPHILA, *Taylor.* HYGROPHILA.

213. H. *irrigua*, Wils. *Water Hygrophila.* Ballinhassig glen near Cork: *Mr. W. Wilson.* Glanmire wood, barren: *Mr. Alexander.* It is abundant at Ballinhassig, where only I have seen it:—*rare.*

430. JUNGERMANNIA, *Linn.* JUNGERMANNIA.

214. J. *calycina*, Taylor. *Calycine Jungermannia.* Inchagaggin near Cork, &c.—*common,*

215. J. *epiphylla*, L. *Broadleaved Jungermannia.* Great Island, and about Cork, on wet banks.—*common.*

216. J. *furcata*, L. *Forked Jungermannia.* Great Island: *Dr. Scott.* On rocks and trees near Cork: *Mr. Alexander.—rather rare.*

217. J. *pinguis*, L. *Slippery Jungermannia.* In very wet situations, in many parts of the county.—*very common.*

218. J. *multifida*, L. *Manylobed Jungermannia.* In grass, and by streams at Dunscombe's wood: *Mr. Alexander.—common.*

219. J. *Lyelli*, Hook. *Lyells Jungermannia.* Near Bantry: *Miss Hutchins.* The only known station in the county.—*very rare.*

220. J. *asplenoides*, L. *Spleenwort Jungermannia.* Great Island: *Dr. Scott.* Under Blarney Castle: *Mr. Alexander.* Castlemartyr: *Miss Ball.—common.*

221. J. *spinulosa*, Dick. *Prickly Jungermannia*. Great Island: *Dr. Scott*. Riverstown wood near Cork: *Mr. D. Murray.—rather common.*

222. J. *sphagni*, Dick. *Bogmoss Jungermannia*. Great Island: *Dr. Scott.—rare.*

223. J. *crenulata*, Sm. *Crenulated Jungermannia*. Near Kilbrittain, and on road sides: *Mr. Alexander*. I have not met it.—*rare.*

224. J. *compressa*, Hook. *Compressed Jungermannia*. Sides of rivulets near Bantry: *Miss Hutchins.—very rare.*

225. J. *inflata*, Huds. *Inflated Jungermannia*. Bantry: *Miss Hutchins*. The only known station in the county.—*very rare.*

226. J. *excisa*, Dick. *Notched Jungermannia*. Great Island: *Dr. Scott*. Riverstown wood: *Mr. D. Murray.—rather rare.*

227. J. *Turneri*, Hook. *Turners Jungermannia*. Near Bantry by a mountain rivulet: *Miss Hutchins.—very rare.*

228. J. *bicuspidata*, L. *Forked Jungermannia*. Moist banks at Vernonmount and other places.—*very common.*

229. J. *byssacea*, Roth. *Byssus Jungermannia*. Ballyphehane and other bogs and damp woods.—*very common.*

230. J. *connivens*, Dick. *Forcipated Jungermannia*. In a glen near Dunbullogue: *Mr. D. Murray.—rather common.*

231. J. *capitata*, Hook. *Capitate Jungermannia*. Near Bantry on a dry mountain rock: *Miss Hutchins.—very rare.*

232. J. *pusilla*, L. *Dwarf Jungermannia*. Great Island: *Dr. Scott.—rare.*

233. J. *nemorosa*, L. *Wood Jungermannia*. Ballyvolane, Lota wood: *Mr. D. Murray*. In shady spots.—*rather common.*

234. J. *undulata*, L. *Waved Jungermannia*. Ballinhassig, and other shady moist glens.—*rather common.*

235. J. *albicans*, L. *Whitish Jungermannia*. Vernonmount.—*common.*

236. J. *obtusifolia*, Hook. *Bluntleaved Jungermannia*. Near Bantry: *Miss Hutchins*. Dunscombes wood near Cork: *Mr. W. Wilson.—rather rare.*

237. J. *complanata*, L. *Flat Jungermannia*. On trees at Vernonmount and other places.—*very common.*

238. J. *polyanthos*, L. *Manyflowered Jungermannia*. Riverstown by the stream: *Mr. D. Murray.—rather common.*

239. J. *cuneifolia*, Hook. *Wedgeleaved Jungermannia*. Near Bantry, on J. *tamarisci*: *Miss Hutchins.—very rare.*

240. J. *viticulosa*, L. *Straggling Jungermannia*. Great Island: *Dr. Scott*. Lota Wood: *Mr. D. Murray.—rather common.*

241. J. *trichomanes*, Dick. *Fern Jungermannia*. Vernonmount, in a swampy wood: *Mr. D. Murray.—rare.*

242. J. *bidentata*, L. *Triangularsheathed Jungermannia*. Great Island, and on moist banks.—*common.*

243. J. *heterophylla*, Schrad. *Variousleaved Jungermannia*. In swampy marshes, Great Island: *Dr. Scott.—rare.*

244. J. *scutata*, W. & M. *Scutate Jungermannia*. Near Bantry, on shady rocks: *Miss Hutchins.—rare.*

245. J. *Francisci*, Hook. *Holt Jungermannia*. Near Bantry: *Miss Hutchins*. The only station.—*very rare.*

246. J. *reptans*, L. *Creeping Jungermannia*. Dunscombes and other woods throughout the county.—*common*.

247. J. *laxifolia*, Hook. *Laxleaved Jungermannia*. By a mountain rivulet near Bantry: *Miss Hutchins*.—*rare*.

248. J. *platyphylla*, L. *Flatleaved Jungermannia*. Near Bantry: *Miss Hutchins*. Carrigrohane, &c.: *Mr. Alexander*.—*rather rare*.

249. J. *ciliaris*, L. *Ciliated Jungermannia*. On dry hills near Ardrum, barren: *Mr. Alexander*.—*rather rare*.

250. J. *tomentella*, Ehrh. *Spongy Jungermannia*. Lota and other woods: *Mr. Alexander*. Near Youghal: *Miss Ball*.—*common*.

251. J. *Mackaii*, Hook. *Mackays Jungermannia*. Ballylickey, Bantry: *Miss Hutchins*. On limestone.—*common*.

252. J. *Serpyllifolia*, Dick. *Thymeleaved Jungermannia*. On rocks at Ballinhassig, &c.—*very common*.

253. J. *hamatifolia*, Hook. *Hookleaved Jungermannia*. On old furze stems near Bantry: *Miss Hutchins*.—*common*.

254. J. *calyptrifolia*, Hook. *Hooded Jungermannia*. On the stems of *Ulex nana* at Glengariff, with the last: *Miss Hutchins*.—*rare*.

255. J. *Hutchinsiæ*, Hook. *Hutchins' Jungermannia*. By mountain rivulets at Glengariff: *Miss Hutchins*. Ballinhassig glen: *Mr. Alexander*. Under Glenbower wood, Killeagh: *Dr. Power*.—

256. J. *dilatata*, L. *Dilated Jungermannia*. Lota and other woods in the county.—*common*.

257. J. *tamarisci*, L. *Tamarisk Jungermannia*. Blarney, Glanmire, and other woods and shady places in the county.—*common*.

431. Anthoceros, *Linn.* Anthoceros.

258. A. *punctatus*, L. *Dotted Anthoceros*. By the river at Upper Glanmire: *Mr. D. Murray*. On river Bank at Dungourney, near Midleton: *Dr. Power*. I have only seen it in these two stations.—*very rare*.

Order XCIX. LICHENACEÆ.

Tribe I. *Beomyceæ*.

432. Beomyces, *Pers.* Beomyces.

259. B. *rupestris*, Pers. *Rock Beomyces*. Vernonmount.—*common*.

260. B. *rufus*, Wahl. *Brown Beomyces*. On stones at Ballinamought near Cork: *Dr. Wood*. Great Island: *Dr. Scott*.—*rare*.

Tribe II. *Calicioideæ*.

433. Calicium, *Ach.* Calicium.

261. C. *sessile*, Pers. *Parasite Calicium*. On the crust of *Porina pertusa* at Blarney: *Mr. Alexander*.—*common*.

262. C. *tympanellum*, Ach. *Sooty Calicium*. Great Island: *Dr. Scott*. The only recorded station for it in the county.—*rare*.

Tribe III. *Graphideæ*.

434. Arthonia, *Ach.* Arthonia.

263. A. *impolita*, Borr. *Primrose Arthonia*. On the rugged bark of old Oaks at Castle Bernard: *Mr. Alexander*.—*rather rare*.

264. A. *swartziana*, Ach. *Swartzian Arthonia.* On Alder trees in Ballyphehane bog: *Mr. Alexander.—rather rare.*

435. Opegrapha, *Ach.* Opegrapha.

265. O. *epipasta*, Ach. *Smooth Opegrapha.* On the bark of Ash trees in the Great Island: *Dr. Wood; Dr. Scott.—rather common.*

266. O. *rufescens*, Pers. *Rusty Opegrapha.* Dunscombes wood: *Mr. Alexander.—rather rare.*

267. O. *atra*, Pers. *Black Opegrapha.* Shanakiel and on trees—*common.*

268. O. *vulgata*, Ach. *Common Opegrapha.* Great Island: *Dr. Scott* On Oaktrees at Castle Bernard: *Mr. Alexander.—rather common.*

269. O. *betulina*, Pers.? *Birchbark Opegrapha.* Great Island: *Dr. Scott.* And on Birch trees occasionally.—*rather rare.*

270. O. *varia*, Pess. *Variable Opegrapha.* Vernonmount, and on Birch trees occasionally.—*rather rare.*

271. O. *saxatilis*, D.C. *Stone Opegrapha.* Gill Abbey and on rocks.—*common.*

272. O. *scripta*, Ach. *Blackletter Opegrapha.* Lota, and on trees throughout the county.—*common.*

273. O. *dentritica*, Ach. *Treelike Opegrapha.* On trees at Kilbrittain near Bandon: *Mr. Alexander.—rather common.*

Tribe IV. *Verrucarieæ.*

436. Verrucaria, *Pers.* Verrucaria.

274. V. *nitida*, Schrad. *Waxlike Verrucaria.* Lota.—*common.*

275. V. *dermatodes*, Borr. *Velkum Verrucaria.* On trees about Bantry: *Miss Hutchins.—very rare.*

276. V. *cinerea*, Pers. *Grey Verrucaria.* Vernonmount—*common.*

277. V. *epidermidis*, Ach. *Birch Verrucaria.* On Birch trees about Bantry and Glengariff: *Miss Hutchins.—rare.*

278. V. *olivacea*, Pers. *Olive Verrucaria.* On young Ash near Bandon: *Mr. Alexander.—rather rare.*

279. V. *rhyponta*, Ach. *Blackstain Verrucaria.* On Holly bark at Kilbrittain near Bandon: *Mr. Alexander.—rare.*

280. V. *gemmata*, Ach. *Largefruited Verrucaria.* Lota—*common.*

281. V. *rupestris*, Schrad. *Rock Verrucaria.* On limestone about Blackrock, and Inchigaggin near Cork—*common.*

282. V. *concinna*, Borr. *Nice Verrucaria.* Rocks near Cork: *Dr. Wood.* I have not met it, and suppose it—*rather rare.*

283. V. *elæina*, Borr. *Olivegreen Verrucaria.* Weirs at Sundays Well near Cork: *Mr. Alexander.* Bantry: *Miss Hutchins.—rare.*

284. V. *muralis*, Ach. *Wall Verrucaria.* Gill Abbey.—*common.*

285. V. *epipolæa*, Ach. *Largefruited Verrucaria.* On limestone rocks at Ballinlough and about Cork.—*common.*

286. V. *trachona*, Ach. *Green Verrucaria.* Rocks near Bantry: *Miss Hutchins.* I have not met it, and it is noticed by no other.—*very rare.*

287. V. *maura*, Ach. *Blackmoor Verrucaria.* By the coast in various places, on rocks of all kinds.—*common.*

288. V. *circumscripta*, Tay. *Circumscribed Verrucaria.* On rocks near Bantry and Glengariff: *Miss Hutchins.—rare.*

437. Endocarpon, *Hedw.* Endocarpon.

289. E. *miniatum*, Ach. *Cloudy Endocarpon.* Two varieties.

" " *a. umbilicatum.* On limestone rocks at Inchigaggin and Carrigrohane: *Mr. Alexander.* I have not seen it.—*rare.*

" " *β. complicatum.* Wet rocks at Ballinhassig: *Mr. Alexander*, who has alone seen it.—*rare.*

290. E. *leptophyllum*, Ach. *Smallleaved Endocarpon.* On slaty rocks near Bantry: *Miss Hutchins.—very rare.*

291. E. *pulchellum*, Borr. *Filmyleaved Endocarpon.* "Growing on *Lichen plumbeus*, on stems of heath on a mountain near Bantry:" *Miss Hutchins.* "On the bark of trees, and especially on *Jungermannia dilatata*: *Mr. Alexander.—rather common.*

292. E. *lætevirens*, Turn. *Brightgreen Endocarpon.* Near Bantry: *Miss Hutchins.* Near Cork: *Dr. Wood,—very rare.*

438. Porina, *Ach.* Porina.

293. P. *pertusa*, Ach. *Common Porina.* On trees at Blarney.—*common.*

294. P. *ceuthocarpa*, Hook. *Creamcoloured Porina.* On slaty rocks near Bantry: *Miss Hutchins.* Rocks at Ardrum: *Mr. Alexander.—rare.*

295. P. *fallax*, Ach. *Doubtful Porina.* On trees near Bandon: *Mr. Alexander.—rare.*

296. P. *isidioides*, Hook. *Isidian Porina.* Glengariff: *Miss Hutchins.—rare.*

439. Thelotrema, *Ach.* Thelotrema.

297. T. *lapadinum*, Ach. *Widemouthed Thelotrema.* Lota.—*common.*

298. T. *Hutchinsiæ*, Borr. *Hutchins' Thelotrema.* On moss near Bantry: *Miss Hutchins.* The only finder.—*very rare.*

Tribe V. *Coniocarpeæ.*

440. Lepraria, *Achar.* Lepraria.

299. L. *viridis*, Turn. *Green Lepraria.* By the Dyke, and many places in the county.—*very common.*

300. L. *murorum*, Grev. *Wall Lepraria.* Great Island: *Dr. Scott.—rare.*

301. *flava*, Ach. *Yellow Lepraria.* On rocks near Passage, Little Island, and by the sea.—*common.*

302. L. *alba*, Ach. *White Lepraria.* On trees by the Dyke, and in woods very generally.—*common.*

441. Spiloma, *Ach.* Spiloma.

303. S. *nigrum*, Turn. *Black Spiloma.* Vernonmount and on trees.—*common.*

304. S. *gregarium*, Turn. *Clustered Spiloma.* Dunscombes wood, and on trees in many places.—*common.*

Tribe VI. *Variolarieæ.*

442. VARIOLARIA, *Pers.* VARIOLARIA.

305. V. *griseovirens*, T. & B. *Greengrey Variolaria.* On Cherry trees at Dunscombes wood and Blarney: *Dr. Power.—rare.*

306. V. *discoidea*, Pers. *Zoned Variolaria.* Near Bantry: *Miss Hutchins.* Near Blarney lake on trees: *Mr. Alexander.—rare.*

307. V. *faginea*, Pers. *Bitter Variolaria.* On trees at Blarney and Ardrum near Cork: *Mr. Alexander.—rather common.*

308. V. *lactea*, Pers. *Milky Variolaria.* Rocks near Cork: *Dr. Wood.—rare.*

300. V. *corallina*, Ach. *Coralline Variololaria.* Rocks near Ardrum, Cork.—*Mr. Alexander.—rather rare.*

Tribe VII. *Lecanoreæ.*

443. URCEOLARIA, *Ach.* URCEOLARIA.

310. U. *scruposa*, Ach. *Common Urceolaria.* On limestone soil at Inchigaggin, and by the Lee.—*rather rare.*

311. U. *calcarea*, Ach. *Calcareous Urceolaria.* Ballinlough, and on limestone soils.—*common.*

444. LECIDEA, *Ach.* LECIDEA.

312. L. *atroalba*, Ach. *Black and White Lecidea.* Near Passage: *Mr. Alexander.—rare.*

313. L. *petræa*, Ach. *Rock Lecidea.* Rathpeacon and on rocks in most parts of the county.—*common.*

314. L. *confluens*, Ach. *Confluent Lecidea.* Shanakiel; Blarney, and other places.—*common.*

315. L. *premnea*, Ach. *Roughedged Lecidea.* At Kilbrittain near Bandon on trees: *Mr. Alexander.—rare.*

316. L. *elæochroma*, Ach. *Blackshielded Lecidea.* On trees at Vernonmount and Glanmire.—*common.*

317. L. *pinicola*, Borr. *Pinebark Lecidea.* Great Island: *Dr. Scott.—rare.*

318. L. *Templetoni*, Tay. *Templeton Lecidea.* On turf near Bantry: *Miss Hutchins.—very rare.*

319. L. *simplex*, Borr. *Simple Lecidea.* Great Island: *Dr. Scott.—rare.*

320. *immersa*, Ach. *Sunken Lecidea.* Ballinlough, on limestone rocks and crags.—*common.*

321. L. *rivulosa*, Ach. *Branched Lecidea.* On a rock at Rathpeacon.—*common.*

322. L. *vernalis*, Ach. *Greenish Lecidea.* On trees near Bandon: *Mr. Alexander.* Found in several parts of the county.—*rather rare.*

323. L. *sulphurea*, Ach. *Sulphurous Lecidea.* Rocks near Cork: *Dr. Wood.—rare.*

324. L. *coronata*, Borr. *Crenateshield Lecidea.* Near Bantry: *Miss Hutchins.* It has not been observed elsewhere—*very rare.*

325. L. *rupestris*, Ach. *Rock Lecidea.* Glasheen, and on limestone in several places.—*common.*

326. L. *ferruginea*, Hook. *Rustyshielded Lecidea.* Rathpeacon, and on rocks and trees.—*very common.*

327. L. *lutea*, Borr. *Yellowshielded Lecidea.* Bantry: *Miss Hutchins.—very rare.*

328. L. *ulmicola*, Borr. *White and Yellow Lecidea.* On limestone rocks about Cork: *Mr. Alexander.—rather rare.*

329. L. *aurantiaca*, Ach. *Saffron Lecidea.* Near Bantry: *Miss Hutchins.* Great Island. *Dr. Scott.—rather rare.*

445. Lecanora, *Ach.* Lecanora.

330. L. *atra*, Ach. *Blackshielded Lecanora.* Rocks at Passage; Great Island; and by the sea.—*common.*

331. L. *exigua*, Hook. *Diminutive Lecanora.* On a wall in Ballyphehane bog: *Mr. Alexander.* August 1839.—*rather rare.*

332. *milvina*, Ach. *Widespreading Lecanora.* On grey flinty slate rocks near Bantry: *Miss Hutchins.—rare.*

333. L. *subfusca*, Ach. *Brownshielded Lecanora.* Great Island: *Dr. Scott.* Rocks near Cork: *Mr. Alexander.* Ahern: *Miss Ball.* Widely distributed throughout the county.—*rather rare.*

334. L. *varia*, Ach. *Variable Lecanora.* Rocks near Ballinhassig, and near Ardrum: *Mr. Alexander.—rather rare.*

335. L. *parella*, Ach. *Crabseye Lecanora.* On rocks and trees near Cork; Great Island; Cable Island.—*common.*

336. L. *tartarea*, Ach. *Cudbear Lecanora.* On rocks at Ardrum, and by the Lee: *Mr. Alexander.—rather common.*

337. L. *citrina*, Ach. *Lemon Lecanora.* On rocks and walls near Cork, in all directions.—*common.*

Tribe VIII. *Squamarieæ.*

446. Psora, *Hoff.* Psora.

338. P. *cæruleonigricans*, Hook. *Blackandblue Psora.* Blackrock and several places near Cork.—*common.*

447. Squamaria, *De Cand.* Squamaria.

339. S. *candelaria*, Hook. *Candle Squamaria.* By the Dyke, and on trees and rocks in the county.—*common.*

340. S. *murorum*, Hook. *Wall Squamaria.* On walls at Passage and by the seashore.—*common.*

341. S. *affinis*, Hook. *Spongy Squamaria.* On trees at Kilbrittain, near Bandon: *Mr. Alexander.—rare.*

448. Placodium, *De Cand.* Placodium.

342. P. *canescens*, D.C. *Grey Placodium.* On an old church at Leemount; Timoleague Abbey: *Mr. Alexander.* Youghal: *Miss Ball.—rather rare.*

243. P. *plumbeum*, Hook. *Spongy Placodium.* Ardrum.—*common.*

Tribe IX. *Parmeliaceæ.*

449. Parmelia, *Ach.* Parmelia.

344. P. *caperata*, Ach. *Wrinkled Parmelia.* Castlemartyr: *Miss Ball;* and on rocks and trees at Lota, &c.—*common.*

345. P. *conspersa*, Ach. *Chestnut Parmelia.* On rocks near Sidney Place, Cork: *Mr. Alexander.—rather common.*

346. P. *Borreri*, Turn. *Borrerian Parmelia.* Castlemartyr: *Miss Ball.—very rare.*

347. P. *saxatilis.* Ach. *Stone Parmelia.* Rathpeacon, &c.—*common.*

348. P. *sulcata*, Tay. *Furrowed Parmelia.* Youghal and Castlemartyr: *Miss Ball.—very rare.*

349. P. *omphalodes*, Ach. *Purple Parmelia.* Ardrum: *Mr. Alexander.* Near Macroom: *Miss Ball.* On rocks.—*common.*

350. P. *perforata*, Ach. *Perforate Parmelia.* Glanmire and other woods in the county.—*common.*

351. *perlata*, Ach. *Pearly Parmelia.* Rathpeacon near Cork, and on rocks and trees; Young Grove: *Miss Ball.—common.*

352. P. *herbacea*, Ach. *Brightgreen Parmelia.* Rathpeacon, and on rocks and old trees.—*common.*

353. P. *olivacea*, Ach. *Olive Parmelia.* Great Island: *Dr. Scott.* Near Youghal: *Miss Ball.—rather common.*

354. P. *pulverulenta*, Ach. *Powdery Parmelia.* On trees at Blarney, Great Island, &c.—*very common.*

355. P. *stellaris*, Ach. *Stellated Parmelia.* Ahern, near Castlelyons: *Miss Ball.—rare.*

356. P. *parietina*, Ach. *Yellow Parmelia.* On trees at Lota, and also on rocks in several places.—*common.*

357. P. *physodes*, Ach. *Inflated Parmelia.* Rathpeacon—*common.*

450. Sticta, *Ach.* Sticta.

358. S. *pulmonaria*, Hook. *Lungwort Sticta.* On old Oaks at Castle Bernard: *Mr. Alexander.* Dunkettle and Lota.—*rather rare.*

359. S. *scrobiculata*, Ach. *Pilled Sticta.* On rocks near Bantry: *Miss Hutchins.—rare.*

360. S. *limbata*, Ach. *Bordered Sticta.* Near Bantry: *Miss Hutchins.* It has not been observed elsewhere.—*very rare.*

361. S. *fuliginosa*, Ach. *Sooty Sticta.* Kilbrittain near Bandon: *Mr. Alexander.—rare.*

Tribe X. *Collemateæ.*

451. Collema. *Ach.* Collema.

362. C. *nigrum*, Ach. *Inky Collema.* Ballinlough.—*common.*

363. C. *fragrans*, Ach. *Fragrant Collema.* Near Bantry: *Miss Hutchins.—very rare.*

364. C. *multipartitum*, Sm. *Manybranched Collema.* On a limestone rock near Midleton: *Mr. Alexander.—rare.*

365. C. *marginale*, Hook. *Marginal Collema.* Near Bantry: *Miss Hutchins.—very rare.*

366. C. *flaccidum*, Ach. *Flaxid Collema.* On trees near Bantry: *Miss Hutchins.* The only station.—*very rare.*

367. C. *crispum*, Borr. *Curled Collema.* On mortar and stones at Evergreen, and about Cork: *Mr. Alexander.—common.*

368. C. *sinuatum*, Hook. *Sinuated Collema.* On rocks and walls near Bantry: *Miss Hutchins.—rather common.*

369. C. *tremelloides*, Ach. *Nostoc Collema.* In moist woods near Bantry and Glengariff: *Miss Hutchins.—rare.*

370. C. *lacerum*, Ach. *Jagged Collema.* Carrigrohane.—*common.*
371. C. *muscicola*, Ach. *Moss Collema.* Evergreen.—*common.*

Tribe XI. *Peltigereæ.*

452. PELTIDEA, *Ach.* PELTIDEA.

372. P. *aphthosa*, Ach. *Thrush Peltidea.* On rocks in Templemichael glen: *Mr. D. Murray.* probably *rather rare.*
373. P. *canina*, Ach. *Canine Peltidea.* Carrigrohane, Great Island, Glenbower near Killeagh.—*common.*

Tribe XII. *Umbilicarieæ.*

453. UMBILICARIA, *Fée.* UMBILICARIA.

374. U. *pustulata*, Schrad. *Blistered Umbilicaria.* In the south of Ireland: *Mr. W. Wilson.*—*rather rare.*

454. CETRARIA, *Ach.* CETRARIA.

375. C. *islandica*, Ach. *Iceland Cetraria.* On Musheragh mountain: *Dr. C. Smith.* probably *rather rare.*

455. BORRERA, *Ach.* BORRERA.

376. B. *tenella.* Ach. *Ciliated Borrera.* Vernonmount, Carrigrohane Castle, and on trees and stones.—*very common.*
377. B. *chrysophthalma*, Ach. *Goldeneyed Borrera.* On Apple trees in the Garden of Kilbrittain near Bandon, about two miles from the sea, 1839: *Mr. Alexander.*—*very rare.*
378. B. *flavicans*, Ach. *Brasswire Borrera.* At Castle Bernard, on Hawthorn; Kilbrittain, on Oak: *Mr. Alexander.*—*rare.*

456. EVERNIA, *Ach.* EVERNIA.

379. C. *prunastri*, Ach. *Hoary Evernia.* Near Bantry: *Miss Hutchins.* On an old Fir Tree called M'Carthy's Bagpipes, in the demesne of Kilbrittain near Bandon: *Mr. Alexander.*—*rare.*

457. RAMALINA, *Ach.* RAMALINA.

380. R. *polymorpha*, Ach. *Variable Ramalina.* Near Youghal: *Miss Ball.* The only station.—*very rare.*
381. R. *fraxinea.* Ach. *Ash Ramalina.* On trees at Blackrock; Great Island, near Youghal.—*common.*
382. R. *fastigiata*, Ach. *Fastigiate Ramalina.* On trees at Glanmire, Blackrock, &c.—*common.*
383. R. *scopulorum*, Ach. *Rock Ramalina.* By the shore at Cove: *Dr. Scott.* Along the Coast: *Mr. Alexander.*—*common.*
384. R. *farinacea*, Ach. *Mealy Ramalina.* Vernonmount, and on trees about Cork.—*very common.*

Tribe XIV. *Usneæ.*

458. USNEA, *Ach.* USNEA.

385. U. *florida*, Ach. *Flowery Usnea.* On Oaks at Castle Bernard: *Mr. Alexander.* Near Youghal: *Miss Ball.*—*very rare.*

386. U. *plicata*, Ach. *Stringy Usnea.* Castle Bernard on Oaks, 1½ feet long, and in fruit: *Mr. Alexander.*—also, *very rare.*

Tribe XV. *Cornicularieæ.*

459. Cornicularia, *Ach.* Cornicularia.

387. C. *aculeata*, Ach. *Aculeated Cornicularia.* On mountains in the south of the county: *Mr. J. T. Mackay—common.*

388. C. *lanata*, Ach. *Woolly Cornicularia.* On mountains in the south of Ireland, barren: *Mr. J. T. Mackay.—common.*

Tribe XVI. *Sphærophoræ.*

460. Isidium, *Ach.* Isidium.

389. I. *microsticticum*, T. & B. *Smalldotted Isidium.* On slate rocks near Bantry: *Miss Hutchins.—very rare.*

390. I. *paradoxum*, Ach. *Dubious Isidium.* On rocks about Bantry: *Miss Hutchins.* Near Ardrum: *Mr. Alexander.—rare.*

461. Sphærophoron, *Ach.* Sphærophoron.

391. S. *coralloides*, T. & B. *Coral Sphærophorom.* At Rathpeacon near Cork, and on mountain rocks.—*very common.*

Tribe XVII. *Cladonieæ.*

462. Cladonia, *Fée.* Cladonia.

392. C. *uncialis*, Ach. *Perforated Cladonia.* Rathpeacon and on heaths in many parts of the county.—*common.*

393. C. *rangiferina*, Ach. *Reindeer Cladonia.* Bottlehill mountain, and on heaths occasionally.—*common.*

394. C. *furcata*, Ach. *Forked Cladonia.* On hills near Ardrum: *Mr. Alexander.* Several places in the county.—*rather common.*

395. C. *cariosa*, Ach. *Carious Cladonia.* Near Bantry: *Miss Hutchins.* Where alone it has been found.—*very rare.*

463. Scyphophorus *Fée.* Cuplichen.

396. S. *cervicornis*, Hook. *Buckhorn Cuplichen.* By the Lee and near Ardrum: *Mr. Alexander.* On moist rocks.—*rare.*

397. S. *pyxidatus*, Hook. *Common Cuplichen.* On cottage roofs near Blarney, Rathpeacon, and on moors and heaths.—*very common.*

398. S. *fimbriatus*, Hook. *Fringed Cuplichen.* By ditches at Ballyphehane, and by the Lee, and on heaths.—*very common.*

399. S. *coccifèrus*, Hook. *Scarlet Cuplichen.* Near Blarney and other places.—*common.*

464. Pycnothelia, *Dufour.* Pycnothelia.

400. P. *papillaria*, Hook. *Papillary Pycnothelia.* In the south of Ireland: *Mr. J. T. Mackay.* On heaths and moors.—*rather rare.*

Order C. ALGACEÆ,

Suborder I. MELANOSPERMEÆ.

Tribe I. *Fucoideæ.*

465. CYSTOSEIRA, *Ag.* CYSTOSEIRA.

401. C. *ericoides*, Ag. *Heathlike Cystoseira.* Bantry bay: *Miss Hutchins.* Cork harbour and along the coast.—*common.*

402. C. *granulata*, Ag. *Granulated Cystoseira.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* Along the coast.—*rather common.*

403. C. *fœniculacea*, Grev. *Fennelleaved Cystoseira.* Along the south western shore of the county: *Dr. W. H. Harvey.*—*rare.*

404. C. *fibrosa*, Ag. *Fibrous Cystoseira.* Bantry bay: *Miss Hutchins.* Near Youghal: *Miss Ball.* Cork harbour: *Dr. Scott*—*rare.*

466. HALYDRYS, *Lyngb.* HALYDRYS.

405. H. *siliquosa*, Lyng. *Podded Halydrys.* Near Youghal: *Miss Ball.* And along the coast.—*very common.*

467. FUCUS, *Linn. Ag.* FUCUS.

406. F. *vesiculosus*, L. *Bladdered Fucus.* By the shore.—*common.*

407. F. *ceranoides*, L. *Horned Fucus.* By the shore of the county Cork: *Dr. W. H. Harvey.* Youghal: *Miss Ball.*—*rather rare.*

408. F. *serratus*, L. *Serrated Fucus.* On rocks by the coast in all directions.—*very common.*

409. F. *nodosus*, L. *Knotted Fucus.* On rocks along the coast, on all sides.—*very common.*

410. F. *canaliculatus*, L. *Channelled Fucus.* Cork and Kinsale harbours.—*common.*

411. F. *tuberculatus*, Huds. *Tubercled Fucus.* Bantry bay: *Miss Hutchins.* By the western coast: *Dr. W. H. Harvey.*—*rather rare.*

468. HIMANTHALIA, *Lyngb.* HIMANTHALIA.

412. H. *lorea*, Lyngb. *Strapshaped Himanthalia.* Cork harbour; Cable Island; and by the coast on rocks.—*common.*

Tribe II. *Lichineæ.*

469. LICHINA, *Ag.* LICHINA.

413. L. *pygmæa*, Ag. *Dwarf Lichina.* Cork harbour: *Dr. Scott.* By the coast: *Dr. W. H. Harvey.*—*rather rare.*

414. L. *confinis*, Ag. *Least Lichina.* Bantry bay: *Miss Hutchins* Cork harbour: *Dr. W. H. Harvey.* By the coast.—*rather rare.*

Tribe III. *Laminarieæ.*

470. ALARIA, *Grev.* ALARIA.

415. A. *esculenta*, Grev. *Esculent Alaria.* Cork harbour: *Dr. Scott.* Youghal bay: *Mr. R. Ball.* On rocky coasts in deep water.—*common.*

471. LAMINARIA, *Lamour*. LAMINARIA.

416. L. *digitata*, Lam. *Cleft Laminaria*. Cork harbour—*common*.
417. L. *bulbosa*, Lam. *Bulbous Laminaria*. Cork harbour and in deep water along the coast.—*common*.
418. L. *saccharina*, Lam. *Sugary Laminaria*. Cove, &c—*common*.
419. L. *phyllitis*, Lam. *Thinleaved Laminaria*. Bantry bay: *Miss Hutchins*. Cove harbour: *Dr. Scott*. Ballycotton: *Miss Ball*. On stones and sea weeds.—*rather rare*.

Tribe IV. *Sporochnoideæ*.

472. DESMARESTIA, *Lamour*. DESMARESTIA.

420. D. *ligulata*, Lam. *Ligulate Desmarestia*. Bantry bay: *Miss Hutchins*. Youghal: *Miss Ball*. Cork harbour: *Dr. Harvey*.—*common*.
421. D. *aculeata*, Lam. *Thorny Desmarestia*. Cork harbour; Youghal bay; and along our coast.—*rather common*.

473. DICHLORIA, *Grev*. DICHLORIA.

422. D. *viridis*, Grev. *Green Dichloria*. Bantry bay: *Miss Hutchins*. Cork harbour: *Dr. Harvey*. And probably along the coast.—*rather rare*.

474. SPOROCHNUS, *Ag*. SPOROCHNUS.

423. S. *pedunculatus*, Ag. *Pedunculate Sporochnus*. Bantry bay: *Miss Hutchins*. Probably along our coast.—*very rare*.
424. S. *rhizodes*. Ag. *Rootlike Sporochnus*. Bantry bay: *Miss Hutchins*. Youghal, growing: *Miss Ball*. Cork harbour: *Dr. Harvey*.—*rare*.
425. S. *Cabreræ*, Ag. *Cabrera's Sporochnus*. Youghal, washed ashore: *Miss Ball*.—*very rare*.

475. ELAIONEMA, *Berk*. ELAIONEMA.

426. E. *villosum*, Berk. *Hairy Elaionema*. Cork Harbour: *Dr. Harvey*.—*very rare*.

Tribe V. *Dictyoteæ*.

476. CUTLERIA, *Grev*. CUTLERIA.

427. C. *multifida*, Grev. *Multifid Cutleria*. Bantry bay: *Miss Hutchins*. Ballycotton bay, washed ashore: *Miss Ball*.—*very rare*.

477. HALYSERIS, *Tozzetti*. HALYSERIS.

428. H. *polypodioides*, Ag. *Fernlike Halyseris*. Youghal, washed ashore: *Miss Ball*. It has not been noticed elsewhere.—*very rare*.

478. DICTYOTA, *Lamour*. DICTYOTA.

429. D. *dichotoma*, Lam. *Dichotomous Dictyota*. Cork harbour, and along the coast.—*common*.
" " β. *intricata*, Grev. Cork harbour; Ballycotton and along our rocky shores.—*common*.

430. D. *atomaria*, Grev. *Sprinkled Dictyota*. On the shore at Ballycotton: *Miss Ball.—rare.*

479. DICTYOSIPHON, *Grev.* DICTYOSIPHON.

431. D. *fœniculaceus*, Grev. *Fennel Dictyosiphon*. Ballycotton; Youghal; washed ashore: *Miss Ball.* Frequent on the Irish coast: *Dr. W. H. Harvey.—rather rare.*

480. PUNCTARIA, *Grev.* PUNCTARIA.

432. P. *plantaginea*, Grev. *Plantain Punctaria*. Ballycotton, growing: *Miss Ball.* Along our coast, on stones and corallines: *Dr. W. H. Harvey.—rather rare.*

481. ASPEROCOCCUS, *Lamour.* ASPEROCOCCUS.

433. A. *Turneri*, Hook. *Turners Asperococcus*. Bantry bay: *Miss Hutchins.* The only station recorded.—*very rare.*

434. A. *echinatus*, Grev. *Fistulous Asperococcus*. Along the coast of the county on rocks.—*common.*

435. A. *pusillus*, Hook. *Least Asperococcus*. Youghal; Ballycotton: *Miss Ball.* Probably elsewhere along our coast.—*rather rare.*

482. CHORDA, *Stack.* WHIPLASH.

436. C. *lomentaria*, Grev. *Jointed Whiplash*. Ballycotton and Youghal bays: *Miss Ball.* By the coast occasionally on rocks and stones: *Dr. W. H. Harvey.—rather rare.*

437. C. *filum*, Lam. *Common Whiplash*. Cork harbour.—*very common.*

483. CLADOSTEPHUS *Ag.* CLADOSTEPHUS.

438. C. *verticillatus*, Lyng. *Whorled Cladostephus*. Youghal, and along the coast on corallines and rocks.—*rather rare.*

439. C. *spongiosus*, Ag. *Spongy Cladostephus*. Cork harbour and on rocks by the coast.—*common.*

484. SPHACELLARIA, *Lyngb.* SPHACELLARIA.

440. S. *filicina*, Ag. *Ferny Sphacellaria*. Youghal, washed ashore: *Miss Ball.* Kinsale harbour: *Miss King.—very rare.*

441. S. *scoparia*, Lyngb. *Broom Sphacellaria*. Ballycotton: *Miss Ball.* Kinsale harbour: *Miss King.—rather rare.*

442. S. *cirrhosa*, Ag. *Pinnate Sphacellaria*. All the varieties, Youghal: *Miss Ball.* On *Algæ* and *Corallines* along the coast of the county: *Dr. W. H. Harvey.—common.*

443. S. *radicans*, Harv. *Creeping Sphacellaria*. Bantry bay: *Miss Hutchins.* Various parts of Ireland: *Dr. W. H. Harvey.—rather rare.*

444. S. *olivacea*, Ag. *Olive Sphacellaria*. On rocks by the coast: *Dr. W. H. Harvey.* The only person who has met it.—*very rare.*

445. S. *velutina*, Grev. *Velvety Sphacellaria*. Cork harbour: *Dr. Scott.* On the larger *Algæ* along our coast: *Dr. W. H. Harvey.—rather rare.*

485. ECTOCARPUS *Lyngb.* ECTOCARPUS.

446. E. *littoralis*, Lyngb. *Common Ectocarpus*. Cork harbour and along the coast of the county.—*very common.*

447. E. *siliculosus*, Lyngb. *Podded Ectocarpus.* On *Algæ* and *Corallines* along our coast: *Dr. W. H. Harvey; Miss Ball.—rather common.*

448. E. *fasciculatus*, Harv. *Tufted Ectocarpus.* Near Youghal: *Miss Ball.—very rare.*

449. E. *tomentosus*, Lyngb. *Woolly Ectocarpus.* Bantry bay: *Miss Hutchins.* Youghal and Ballycotton: *Miss Ball.*—Cork harbour.—*rather rare.*

450. E. *granulosus*, Ag. *Granular Ectocarpus.* Bantry bay: *Miss Hutchins.* Youghal and Ballycotton: *Miss Ball.—rather common.*

451. E. *sphærophorus*, Cam. *Roundfruited Ectocarpus.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.—very rare.*

452. E *Mertensii*, Ag. *Merten's Ectocarpus.* Cork harbour: *Dr. W. H. Harvay.* No other observer has noticed it.—*very rare.*

486. MYRIOTRICHIA, *Harvey*. MYRIOTRICHIA.

453. M. *clavæformis*, Harv. *Club Myriotrichia.* Bantry bay: *Miss Hutchins.* Cable Island near Youghal, growing: *Miss Ball.—rather rare.*

454. M. *filiformis*, Harv. *Slender Myriotrichia.* Youghal bay: *Miss Ball.—rather rare.*

Tribe VII. *Chordarieæ.*

487. CHORDARIA, *Ag*. CHORDARIA.

455. C. *flagelliformis*, Ag. *Common Chordaria.* Cork harbour and on rocks by the coast.—*common.*

488. HELMINTHOCLADIA, *Harvey*. HELMINTHOCLADIA.

456. H. *vermicularis*, Sm. *Wormlike Helminthocladia.* Youghal and Ballycotton: *Miss Ball.* In the deep sea: *Dr. W. H. Harvey.* Along our coast.—*common.*

457. H. *griffithsiana*, *Harv. Griffith's Helminthocladia.* Bantry bay: *Miss Hutchins.* In the deep sea.—*very rare.*

458. *H. virescens*, Grev. *Greenish Helminthocladia.* Bantry bay: *Miss Hutchins.* Ballycotton: *Miss Ball.—rather rare.*

489. CORYNEPHORA, *Ag*. CORYNEPHORA.

459. C. *marina* Ag. *Marine Corynephora.* Youghal: *Miss Ball.* On rocks and Corallines along our coast.—*rather common.*

Suborder II. RHODOSPERMEÆ.

Tribe VIII. *Gloiocladeæ.*

490. MESOGLOIA, *Harvey*. MESOGLOIA.

460. M. *multifida*, Ag. *Dichotomous Mesogloia.* Skellig, and along the western coast of the county: *Dr. W. H. Harvey.—rather rare.*

461. M. *Hudsoni*, Ag. *Hudson's Mesogloia.* Bantry bay: *Miss Hutchins.* Along the western coast of the county: *Dr. W. H. Harvey.—rare.*

462. M. *coccinea*, Ag. *Rosered Mesogloia.* Bantry bay: *Miss Hutchins.* And probably elsewhere on our coast.—*very rare.*

491. GLOIOSIPHONIA, *Carm.* GLOIOSIPHONIA.

463. G. *capillaris*, Carm. *Banded Gloiosiphonia.* Bantry bay: *Miss Hutchins.* Along the western coast.—*very rare.*

492. NACCARIA, *Endl.* NACCARIA.

464. N. *Wigghii*, Endl. *Wiggh's Naccaria.* Bantry bay: *Miss Hutchins.* Has been observed by no other.—*very rare.*

493. CATENELLA, *Grev.* CATENELLA.

465. C. *opuntia*, Grev. *Opuntia Catenella.* On rocks along the coast of the county, near high water mark: *Dr. W. H. Harvey.—rare.*

494. DUMONTIA, *Lamour.* DUMONTIA.

466. D. *filiformis*, Grev. *Filiform Dumontia.* Cork harbour.—*common.*

" " β. *crispata*, Grev. Youghal: *Miss Ball.—rather rare.*

495. HALYMENIA, *Ag.* HALYMENIA.

467. H. *ligulata*, Ag. *Ligulate Halymenia.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. W. H. Harvey.—rather rare.*

468. H. *furcellata*, Ag. *Forked Halymenia.* Bantry bay: *Miss Hutchins.* Ballycotton, washed up: *Miss Ball.—very rare.*

496. IRIDÆA, *Bory.* IRIDÆA.

469. I. *edulis*, Bory. *Esculent Iridæa.* Cork harbour: *Dr. Harvey.—common.*

Tribe X. *Spongiocarpeæ.*

497. POLYIDES, *Ag.* POLYIDES.

470. P. *rotundus*, Grev. *Cylindrical Polyides.* On rocks along the coast of this county in several places: *Dr. W. H. Harvey.—rather rare.*

Tribe XI. *Furcellarieæ.*

498. FURCELLARIA, *Lamour.* FURCELLARIA.

471. F. *fastigiata*, Lam. *Fastigiate Furcellaria.* Cork harbour.—*common.*

Tribe XII. *Florideæ.*

499. DELESSERIA, *Lamour.* DELESSERIA.

472. D. *sanguinea*, Lam. *Oakleaved Delesseria.* Cork harbour.—*common.*

473. D. *sinuosa*, Lam. *Sinuous Delesseria.* Cork harbour.—*common.*

474. D. *alata*, Lam. *Winged Delesseria.* Cork harbour.—*common.*

475. D. *hypoglossum*, Lam. *Proliferous Delesseria.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. Harvey.* Youghal: *Miss Ball.—rather rare.*

476. D. *ruscifolia*, Lam. *Ruscusleaved Delesseria.* Bantry bay: *Miss Hutchins.* Ballycotton, washed up: *Miss Ball.—rather rare.*

500. NITOPHYLLUM, *Grev.* NITOPHYLLUM.

477. N. *punctatum*, Grev. *Spotted Nitophyllum.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. Harvey.* Attached to larger *Algæ.—rather rare.*

478. N. *ocellatum*, Grev. *Ocellated Nitophyllum.* Bantry bay: *Miss Hutchins.* Probably only a variety of the last species—*very rare.*

479. N. *ulvoideum*, Hook. *Ulvoid Nitophyllum.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. Harvey —very rare.*

480. N. *Bonnemaisoni*, Grev. *Bonnemaison's Nitophyllum.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* Cork harbour: *Dr. Harvey.—very rare.*

481. N. *Gmelini*, Grev. *Gmelin's Nitophyllum.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* Cork harbour: *Dr. Harvey.—very rare.*

482. N. *laceratum*, Grev. *Torn Nitophyllum.* Cork harbour and by the coast.—*common.*

" " β. *uncinatum*, Harv. Youghal: *Miss Ball.—rather rare.*

501. RHODOMENIA, *Grev.* RHODOMENIA.

483. R. *bifida*, Grev. *Bifid Rhodomenia.* Bantry bay: *Miss Hutchins.* Youghal; Ballycotton: *Miss Ball.* Cork harbour: *Dr. Harvey.—rare.*

484. R. *laciniata*, Grev. *Laciniated Rhodomenia.* Cork harbour. —*rare.*

485. R. *palmetta*, Grev. *Ferny Rhodomenia.* Youghal harbour; *Miss Ball.—rare.*

486, R. *ciliata*, Grev. *Ciliated Rhodomenia.* Cork harbour.—*rather common:*

487. R. *jubata*, Grev. *Cirrhose Rhodomenia.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* On gravelly stones.—*very rare.*

488. R. *palmata*, Grev. *Palmate Rhodomenia.* Cork harbour.—*very common.*

489. R. *reniformis*, Hook. *Kidney Rhodomenia.* Bantry bay: *Miss Hutchins.* Youghal, washed up: *Miss Ball.—rather rare.*

502. PLOCAMIUM, *Lamour.* PLOCAMIUM.

490. P. *coccineum*, Lyngb. *Scarlet Plocamium.* Cork harbour.—*very common.*

503. RHODOMELA, *Ag.* RHODOMELA.

491. R. *lycopodioides*, Ag. *Clubmoss Rhodomela.* Cork harbour: *Dr. Scott.* Probably by our coast on larger sea weeds.—*very rare.*

492. R. *subfusca*, Ag. *Brownish Rhodomela.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* Along our coast.—*rather rare.*

504. BONNEMAISONIA, *Ag.* BONNEMAISONIA.

493. B. *asparagoides*, Ag. *Finebranched Bonnemaisonia.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. Harvey.—rather rare.*

505. LAURENCIA, *Lamour*. LAURENCIA.

494. L. *pinnatifida*, Lam. *Pinnatifid Laurencia.* Cork harbour and on rocks in the sea.—*common.*

" " β. *osmunda*. Hook. Youghal: *Miss Ball.—rather rare.*

" " γ. *angusta*, Hook. Youghal: *Miss Ball.—rather common*

" " δ. *tenuissima*, Hook. Youghal: *Miss Ball.—very rare.*

495. L. *obtusa*, Lam. *Obtuse Laurencia.* Bantry bay: *Miss Hutchins.—rare.*

496. L. *dasyphylla*, Lam. *Thickleaved Laurencia.* Bantry bay: *Miss Hutchins.* Ballycotton, washed ashore: *Miss Ball.—rather rare.*

497. L. *tenuissima*, Lam. *Slender Laurencia.* Ballycotton; one specimen in fruit: *Miss Ball.—very rare.*

506. CHYLOCLADIA, *Grev*. CHYLOCLADIA.

498. C. *clavellosa*, Hook. *Clavellate Chyclocladia.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.—rather rare.*

499. C. *ovalis*, Hook. *Oval Chylocladia.* Near Youghal: *Miss Ball.—rare.*

500. C. *kaliformis*, Hook. *Salsola Chylocladia.* Bantry bay: *Miss Hutchins.* Ballycotton: *Miss Ball.—rather rare.*

501. C. *parvula*, Hook. *Least Chylocladia.* Bantry bay: *Miss Hutchins.—rare.*

502. C. *articulata*, Hook. *Articulate Chylocladia.* Cork harbour. *—common.*

507. GIGARTINA, *Lamour*. GIGARTINA.

503. G. *purpurascens*, Lam. *Purplish Gigartina.* Cork harbour.—*common.*

504. G. *confervoides*, Lam. *Confervoid Gigartina.* Bantry bay: *Miss Hutchins.* Youghal: *Miss Ball.* Along our shores.—*common.*

" " β. *procerrima*, Turn. Youghal bay: *Miss Ball—rare.*

" " γ. *albida*, Turn. Youghal: *Miss Ball.—rare.*

" " δ. *genieulata*, Harv. Near Youghal: *Miss Ball.—rare.*

505. G. *erecta*, Hook. *Upright Gigartina.* Youghal: *Miss Ball.—very rare.*

506. G. *Griffithsiæ*, Grev. *Griffiths Gigartina.* Bantry bay: *Miss Hutchins.—very rare.*

507. G. *plicata*, Lam. *Entangled Gigartina.* Cork harbour.—*common.*

508. CHONDRUS, *Stack*. CHONDRUS.

508. C. *mamillosus*, Grev. *Mamillated Chondrus.* By the coast.—*common.*

509. C. *crispus*, Lyngb. *Curled Chondrus; Carrigeen Moss*, or *Irish Moss.* Cork harbour, and along the coast.—*very common.*

510. C. *norvegicus*, Lam. *Norwegian Chondrus.* Bantry bay: *Miss Hutchins.* Youghal; Ballycotton: *Miss Ball.—rather rare.*

511. C. *membranifolius*, Grev. *Membranous Chondrus.* Youghal: *Miss Ball.* Probably along our coast.—*rather common*

Miss Hutchins. Cork harbour: *Dr. Harvey.* On other *Algæ.*—*rather rare.*

551. C. *corymbosum*, Ag. *Corymbose Callithamnion.* Bantry bay: *Miss Hutchins.* Youghal; washed up: *Miss Ball.*—*rather rare.*

552. C. *pedicellatum*, Ag. *Stalkedfruited Callithamnion.* Bantry bay: *Miss Hutchins.* Cork harbour: *Dr. Harvey.*—*rather rare.*

553. C. *Turneri*, Ag. *Turner's Callithamnion.* Cork harbour.—*common.*

554. C. *pluma*, Ag. *Feathery Callithamnion.* Bantry bay: *Miss Hutchins.*—*rare.*

555. C. *repens*, Ag. *Creeping Callithamnion.* Cork harbour.—*common.*

556. C. *Rothii*, Lyngb. *Roth's Callithamnion.* By the coast: *Dr. W. H. Harvey.*—*rare.*

557. C. *purpureum*, Harv. *Purple Callithamnion.* Along the coast of the county cork: *Dr. W. H. Harvey.*—*rather rare.*

558. C. *Daviesii*, Ag. *Davies' Callithamnion.* On *Ceramium rubrum*, Bantry bay: *Mr. R. Ball.*—*rare.*

559. C. *secundatum*, Ag. *Secund Callithamnion.* On the larger *Algæ* along the coast: *Dr. W. H. Harvey.*—*rather rare.*

560. C. *lanuginosum*, Lyngb. *Downlike Callithamnion.* On decaying *Algæ;* Cork harbour, and along the coast.—*common.*

518. Trentepohlia, *Ag.* Trentepohlia.

561. T. *pulchella*, Ag. *Beautiful Trentepohlia.* On rocks in the mountain streams about Glengariff: *Miss Hutchins.*—*rather rare.*

Suborder III. CHLOROSPERMEÆ.

Tribe XIV. *Lemanieæ.*

519. Lemania, *Bory.* Lemania.

562. L. *fluviatilis*, Ag. *River Lemania.* Alpine streams in the county in various places: *Dr. W. H. Harvey.*—*common.*

Tribe XV. *Batrachospermeæ.*

520. Batrachospermum, *Roth.* Batrachospermum.

563. B. *vagum*, Ag. *Cylindrical Batrachospermum.* In Alpine bogs and lakes in the county cork: *Dr. W. H. Harvey.*—*rather rare.*

564. B. *moniliforme*, Ag. *Moniliform Batrachospermum.* In Dower river, Castlemartyr; Ahern, near Castlelyons: *Miss Ball.* Stream at Ballyvolane near Cork: *Mr. D. Murray.*—Most probably *common.*

Tribe XVI. *Chætophoroideæ.*

521. Bulbochæte, *Ag.* Bulbochæte.

565. B. *setigera*, Ag. *Setigerous Bulbochæte.* On fresh water plants in lakes and pools in the county: *Dr. W. H. Harvey.*—*very rare.*

522. DRAPARNALDIA, *Bory*. DRAPARNALDIA.

566. D. *plumosa*, Ag. *Feathery Draparnaldia.* In streams and wells in the county of Cork: *Dr. W. H. Harvey.—rather common.*

567. D. *glomerata*, Ag. *Clustered Draparnaldia.* Glenbower wood, Killeagh: *Miss Ball.* In streams and wells.—*common.*

568. D. *tenuis*, Ag. *Slender Draparnaldia.* Rivulets in county of Cork: *Dr. W. H. Harvey.* Probably often passed over.—*rather rare.*

523. CHÆTOPHORA, *Ag*. CHÆTOPHORA.

569. C. *endiviæfolia*, Ag. *Staghorn Chætophora.* In lakes and streams in the County of Cork: *Dr. W. H. Harvey.—rather common.*

570. C. *tuberculosa*, Hook. *Tubercular Chætophora.* On sticks and aquatic plants in boggy parts: *Dr. W. H. Harvey.—common.*

571. C. *elegans*, Ag. *Elegant Chætophora.* In pools: *Dr. W. H. Harvey.—rather rare.*

524. MYRIONEMA, *Grev*. MYRIONEMA.

572. M. *strangulans*, Grev. *Convex Myrionema.* On several *Algæ* along the coast of the county: *Dr. W. H. Harvey.—rather rare.*

573. M. *punctiforme*, Harv. *Punctiform Myrionema.* On *Algæ* along the coast: *Dr. W. H. Harvey.—rather rare.*

Tribe XVII. *Confervea.*

525. CONFERVA, *Ag*. CONFERVA.

574. C. *ericetorum*, Roth. *Moor Conferva.* On dry heaths.—*very common.*

575. C. *purpurascens*, Carm. *Purple Conferva.* On turf-pits.—*common.*

576. C. *bombycina*, Ag. *Silky Conferva.* In streams and pools.—*common.*

577. *floccosa*, Ag. *Floccose Conferva.* With the last species.—*common.*

578. C. *zonata*, W. & M. *Zoned Conferva.* In rivulets; Great Island: *Dr. Scott.—rare.*

579. C. *vesicata*, Ag. *Inflated Conferva.* In stagnant water.—*common.*

580. C. *rivularis*, L. *River Conferva.* In streams, &c.—*common.*

581. C. *capillaris*, L. *Capillary Conferva.* In streams.—*common.*

582. C. *muscosa*, Mert. *Mossy Conferva.* Bantry: *Miss Hutchins.—very rare.*

583. C. *linum*, Ag. *Flax Conferva.* Along muddy shores.—*rather rare.*

584. C. *tortuosa*, Dillw. *Twisted Conferva.* On rocks by coast.—*common.*

585. C. *implexa*, Dillw. *Woven Conferva.* Bantry bay: *Miss Hutchins.—rare.*

586. C. *ulothrix*, Lyngb. *Curled Conferva.* Bantry bay: *Miss Hutchins.—rare.*

587. C. *arenosa*, Carm. *Strand Conferva.* Bantry bay: *Mr. R. Ball.—rare.*

588. C. *ærea*, Dillw. *Harsh Conferva.* On rocks by the sea.—*common.*

589. C. *bangioides*, Harv. *Slender Conferva.* Ballycotton : *Miss Ball.—very rare.*

590. C. *fucicola*, Velley. *Parasitic Conferva.* On *Algæ* by shore. —*common.*

591. C. *flaccida*, Dillw. *Flaccid Conferva.* On *Fuci* : *Dr. Scott —rare.*

592. C. *curta*, Dillw. *Small Conferva.* On *Fuci*: *Dr. Scott.—common.*

593. C. *scutulata*, Sm. *Target Conferva.* On *Fuci*: *Dr. W. H. Harvey.—rather common.*

594. C. *flavescens*, Roth. *Yellowish Conferva.* Cork harbour: *Dr. Scott.—common.*

595. C. *fracta*, Fl. Dan. *Broken Conferva.* Cork harbour: *Dr. Scott.—common.*

596. C. *glomerata*, L. *Clustered Conferva.* Cork harbour : *Dr. Scott.—common.*

597. C. *pellucida*, Huds. *Pellucid Conferva.* Bantry bay : *Miss Hutchins.—rare.*

598. C. *Hutchinsiæ*, Dillw. *Hutchins' Conferva.* Bantry bay : *Miss Hutchins.—rare.*

599. C. *diffusa*, Roth. *Diffuse Conferva.* Bantry bay : *Miss Hutchins.* Youghal, washed ashore: *Miss Ball.—very rare.*

600. C. *rupestris*, L. *Rock Conferva.* Cork harbour.—*common.*

601. C. *lætevirens*, Dillw. *Yellowgreen Conferva.* Rocks in the sea. —*common.*

602. C. *gracilis*, Griff. *Graceful Conferva.* Youghal: *Miss Ball —rare.*

603. C. *refracta*, Ag. *Refract Conferva.* Mangans bay, Cork: *Miss Ball.—rare.*

604. C. *albida*, Huds. *Whitish Conferva.* Bantry bay : *Miss Hutchins.* Cork harbour: *Dr. Scott.* On the larger *Algæ.—rather common.*

605. C. *lanosa*, Roth. *Downy Conferva.* Cork harbour: *Dr. Scott.—common.*

606. C. *glaucescens*, Griff. *Glaucous Conferva.* Youghal: *Miss Ball.—rare.*

607. C. *arcta*, Dillw. *Close Conferva.* Bantry: *Miss Hutchins.—rather rare.*

608. C. *riparia*, Roth. *Shore Conferva.* Bantry: *Miss Hutchins. —rare.*

526. Mougeotia, *Ag.* Mougeotia.

609. M. *genuflexa*, Ag. *Kneebent Mougeotia.* In ponds: *Dr. W. H. Harvey.—common.*

527. Tyndaridea, *Bory.* Tyndaridea.

610. T. *cruciata*, Harv. *Cross Tyndaridea.* Pools: *Dr. W. H. Harvey.—common.*

611. T. *pectinata*, Harv. *Comb Tyndaridea.* In stagnant waters: in many parts of the county: *Dr. W. H. Harvey.—common.*

528. ZYGNEMA, *Ag.* ZYGNEMA.

612. Z. *nitidum*, Ag. *Smooth Zygnema.* In ditches.—*common.*
613. Z. *deciminum*, Ag. *Crossed Zygnema*, In pools.—*common.*
614. Z. *quininum*, Ag. *Angled Zygnema.* In pools.—*common.*

529. SPHÆROPLEA, *Ag.* SPHÆROPLEA.

615. S. *crispa*, Berk. *Curled Sphæroplea.* Cork harbour: *Dr. W. H. Harvey.—rather rare.*

Tribe XVIII. *Siphoneæ.*

530. CODIUM, *Stack.* CODIUM.

616. C. *tomentosum*, Stack. *Downy Codium.* On rocks—*common.*

531. BRYOPSIS, *Lamour.* BRYOPSIS.

617. B. *plumosa*, Ag. *Feathery Bryopsis.* Cork harbour: *Dr. Harvey.—common.*

532. VAUCHERIA, *De Cand.* VAUCHERIA.

618. V. *dichotoma*, Ag. *Dichotomous Vaucheria.* Cork.—*common.*
619. V. *marina*, Lyngb. *Sea Vaucheria.* Youghal: *Miss Ball.—very rare.*
620. V. *velutina*, Ag. *Velvety Vaucheria.* Muddy shores: *Dr. Harvey.—rare.*
621. V. *Dillwynii*, Ag. *Dillwyn's Vaucheria.* County of Cork: *Dr. W. H. Harvey.—common.*
622. V. *terrestris*, D.C. *Ground Vaucheria.* On the ground.—*common.*
623. V. *cæspitosa*, Ag. *Tufted Vaucheria.* By pools—*very common.*

533. BOTRYDIUM, *Wallr.* BOTRYDIUM.

624. B. *granulatum*, Grev. *Granulate Botrydium.* In Dodgesglen, on the dried mud at the edge of the pond: *Mr. D. Murray.—very rare.*

Tribe XIX. *Oscillatoriæ.*

534. RIVULARIA, *Roth.* RIVULARIA.

625. R. *pisum*, Ag. *Pea Rivularia.* In the county of Cork: *Dr. W. H. Harvey.* Who has alone noticed it.—*very rare.*
626. R. *calcarea*, Sm. *Calcareous Rivularia.* In alpine streams.—*rare.*
627. R. *plicata*, Carm. *Plaited Rivularia.* Near Youghal: *Miss Ball.—rare.*
628. R. *atra*, Roth. *Dark Rivularia.* On rocks in the sea.—*common.*
629. R. *nitida*, Ag. *Shining Rivularia.* In the county of Cork: *Dr. W. H. Harvey.—rather rare.*

535. STIGONEMA, *Ag.* STIGONEMA.

630. S. *atrovirens*, Ag. *Tufted Stigonema.* In the county of Cork: *Dr. W. H. Harvey.—very common.*

536. Scytonema, *Ag.* Scytonema.

631. S. *ocellatum*, Harv. *Cartilaginous Scytonema.* In alpine bogs in the County of Cork: *Dr. W. H. Harvey.—very rare.*

632. S. *minutum*, Ag. *Small Scytonema.* In the hilly districts of the County Cork: *Dr. W. H. Harvey.—rather rare.*

633. S. *myochrous*, Ag. *Flexuous Scytonema.* Near Bantry parasitical on *Orthotrichum rivulare*: *Miss Hutchins.—very rare.*

537. Calothrix, *Ag.* Calothrix.

634. C. *confervicola*, Ag. *Conferva Calothrix.* Youghal, and Cork harbour, and along the coast.—*very common.*

635. C. *luteola*, Grev. *Yellowish Calothrix.* At Ballycotton, growing: *Miss Ball.—very rare.*

636. C. *nivea*, Ag. *Snowy Calothrix.* In pools of sea water along the shore at Cusquinny, Great Island: *Dr. Lankester.—very rare.*

637. C. *scopulorum*, Ag. *Rock Calothrix.* On sea rocks.—*common.*

638. C. *interrupta*, Carm. *Interrupted Calothrix.* On mosses, &c. in the County of Cork, passim: *Dr. W. H. Harvey.—rather rare.*

639. C. *hydnoides*, Harv. *Hydnum Calothrix.* Cork harbour, along the clayey shore in several places: *Dr. Harvey—rather rare.*

640. C. *distorta*, Ag. *Distorted Calothrix.* On aquatic plants in pools and streams near Bantry: *Miss Hutchins.—very rare.*

538. Lyngbya, *Ag.* Lyngbya.

641. L. *muralis*, Ag. *Wall Lyngbya.* Near Cork and Youghal, &c. —*common.*

642. L. *majuscula*, Harv. *Large Lyngbya.* Bantry bay: *Miss Hutchins.—rare.*

643. L. *ferruginea*, Ag. *Rusty Lyngbya.* Near Cove: *Dr. W. H. Harvey.—rare.*

644. L. *Carmichaellii*, Harv. *Carmichael's Lyngbya.* On *Algæ* and rocks along the coast of the county.—*Dr. W. H. Harvey.—rare.*

645. L. *speciosa*, Carm. *Beautiful Lyngbya.* With the preceding. —*rare.*

539. Oscillatoria, *Vauch.* Oscillatoria.

646. O. *Friesii*, Ag. *Fries' Oscillatoria.* On mosses: *Dr. W. H. Harvey.—rare.*

647. O. *limosa*, Ag. *Mud Oscillatoria.* Ditches, &c.: *Dr. W. H. Harvey.—common.*

648. O. *tenuis*, Ag. *Lesser Oscillatoria.* Near Cork and Cove.—*common.*

649. O. *decorticans*, Grev. *Ribband Oscillatoria.* On walls.—*common*

650. O. *nigra*, Vauch. *Blackish Oscillatoria.* Ponds.—*common.*

651. O. *autumnalis*, Ag. *Autumnal Oscillatoria.* On walls.—*common*

652. O. *corium*, Ag. *Leathery Oscillatoria.* Mountain streams.—*common.*

653. O. *subfusca*, Vauch. *Brownish Oscillatoria.* Alpine streams. —*rare.*

Tribe XX. *Ulvaceæ.*

540. Porphyra, *Ag.* Purplelaver.

654. P. *laciniata*, Ag. *Ragged Purplelaver.* Cork harbour, &c.—*very common.*

655. P. *vulgaris*, Ag. *Common Purplelaver.* Cork harbour, &c.—*very common.*

656. P. *linearis*, Grev. *Narrow Purplelaver.* Along our coast, near high water mark: *Dr. W. H. Harvey.—rather rare.*

541. Ulva, *Linn.* Greenlaver.

657. U. *latissima*, L. *Broad Greenlaver.* Near Youghal, &c.—*common.*

658. U. *lactuca*, L. *Lettuce Greenlaver.* On rocks near our coast.—*rare.*

659. U. *linza*, L. *Ribband Greenlaver.* Along our coast.—*rather common.*

660. U. *bullosa*, Roth. *Blistered Greenlaver.* Near Cork: *Dr. W. H. Harvey.* About Youghal: *Miss Ball.—rather rare.*

661. U. *crispa*, Lightf. *Crisped Greenlaver.* Roofs, &c.—*very common.*

662. U. *furfuracea*, Horn. *Furfuraceous Greenlaver.* On damp walls in the county: *Dr. W. H. Harvey.—very rare.*

542. Bangia, *Lyngb.* Bangia.

663. B. *fusco purpurea*, Lyngb. *Brownishpurple Bangia.* Bantry bay: *Miss Hutchins.* By our coast: *Dr. W. H. Harvey.—rather common.*

664. B. *laminariæ*, Lyngb. *Laminaria Bangia.* Parasitical on *Alaria esculenta*, by our coast: *Dr. W. H. Harvey.—rather rare.*

543. Enteromorpha, *Link.* Enteromorpha.

665. E. *intestinalis*, Link. *Intestinal Enteromorpha.* Both in fresh, brackish, and salt water.—*very common.*

666. E. *compressa*, Grev. *Compressed Enteromorpha.* By our sea shores on rocks and in the sea.—*very common.*

667. E. *erecta*, Hook. *Erect Enteromorpha.* Cork harbour: *Dr. W. H. Harvey.* Ballycotton: *Miss Ball.—rather rare.*

668. E. *clathrata*, Grev. *Latticed Enteromorpha.* Coast of Cork: *Dr. W. H. Harvey.* Youghal and Ballycotton: *Miss Ball.—rather rare.*

669. E. *ramulosa*, Hook. *Branched Enteromorpha.* Bantry bay: *Miss Hutchins.* Probably other places on the coast.—*rare.*

544. Tetraspora, *Link.* Tetraspora.

670. T. *gelatinosa*, Desv. *Gelatinous Tetraspora.* On aquatic plants in fresh water in several places: *Dr. W. H. Harvey.—rather rare.*

671. T. *lubrica*, Ag. *Lubricous Tetraspora.* Young Grove, Midleton and Mogeely, Castlemartyr: *Miss Ball.—rather rare.*

545. PALMELLA, *Lyngb.* PALMELLA.

672. *hyalina*, Lyngb. *Pellucid Palmella.* In fresh water streams near Cork: *Dr. W. H. Harvey.—rather rare.*

673. P. *cruenta*, Ag. *Purple Palmella.* On damp walls.—*rather common.*

546. PROTOCOCCUS, *Ag.* PROTOCOCCUS.

674. P. *nivalis*, Ag. *Crimson Protococcus. Red Snow.* On rocks and stones, generally slightly covered with water: *Dr, W. H. Harvey.—rare.*

Tribe XXI. *Nostochineæ.*

547. NOSTOC, *Vauch.* NOSTOC.

675. N. *commune*, Vauch. *Common Nostoc.* Near Cork, Youghal, Cove, &c., on the ground after rain, in winter.—*common.*

676. N. *muscorum*, Ag. *Papillose Nostoc.* On mosses, and on calcareous rocks in several parts: *Dr. W. H. Harvey.—rather rare.*

677. N. *foliaceum*, Ag. *Foliaceous Nostoc.* On moist clayey ground: *Mr. Alexander.—common.*

678. N. *microscopicum*, Carm. *Minute Nostoc.* On exposed rocks among mosses, near Youghal: *Miss Ball.—very rare.*

679. N. *verrucosum*, Vauch. *Plaited Nostoc.* On stones in our mountain streams: *Dr. W. H. Harvey.—common.*

Tribe XXII. *Byssoideæ.*

548. BYSSOCLADIUM, *Ag.* BYSSOCLADIUM.

680. B. *fenestrale*, Ag. *Window Byssocladium.* On window panes and damp glass, forming whitish spots.—*common.*

549. MYCINEMA, *Ag.* MYCINEMA.

681. M. *arachnoideum*, Ag. *Cobweb Mycinema.* On rotten timber near Cove, and in the Great Island: *Dr. Scott.—very rare.*

550. CHROOLEPUS, *Ag.* CHROOLEPUS.

682. C. *aureus*, Harv. *Orange Chroolepus.* Under Carrigrohane castle, &c.: *Mr. Alexander.—very common.*

551. PROTONEMA, *Ag.* PROTONEMA.

683. P. *orthotrichi*, Ag. *Parasitic Protonema.* Great Island: *Dr. Scott.* Near Cork: *Mr. Alexander.* On *Orthotrici.—common.*

552. HYGROCROCIS, *Ag.* HYGROCROCIS.

684. H. *atramenti*, Ag. *Ink Hygrocrocis.* On the surface of ink long exposed: *Mr. Alexander.—very rare.*

553. LEPTOMITUS, *Ag.* LEPTOMITUS.

685. L. *clavatus*, Ag. *Clubshaped Leptomitus.* On the bodies of decaying flies and putrid fish: *Mr. Alexander.—rare.*

Suborder IV. DIATOMACEÆ.

Tribe XXIV. *Fragilarieæ.*

554. FRAGILARIA, *Lyngb.* FRAGILARIA.

686. F. *pectinalis*, Lyngb. *Pectinated Fragilaria.* In rivers and stagnant waters in the county.—*common.*

687. F. *diatomoides*, Grev. *Diatomalike Fragilaria.* Parasitic on some *Algæ* on our coast: *Dr. W. H. Harvey.—rare.*

555. STRIATELLA, *Ag.* STRIATELLA.

688. S. *arcuata*, Ag. *Curved Striatella.* On the marine filiform *Algæ*, along the coast: *Dr. W. H. Harvey.—common.*

556. ACHANTHES, *Ag.* ACHANTHES.

689. A. *longipes*, Ag. *Longstalked Acanthes.* On filiform marine *Alyæ*, along the coast: *Dr. W. H. Harvey.—very rare.*

557. ISTHMIA. *Ag.* ISTHMIA,

690. I. *obliquata*, Ag. *Oblique Isthmia.* On other *Algæ—common.*

558. ODONTELLA, *Ag.* ODONTELLA.

691. O. *aurita*, Ag. *Auriculated Odontella.* On *Calithamnion polyspermum*, near Youghal: *Miss Ball.—very rare.*

559. DIATOMA, *Ag.* DIATOMA.

692. D. *marinum*, Lyngb. *Marine Diatoma.* Parasitic on other *Algæ.* Along the coast: *Dr. W. H. Harvey.—common.*

693. D. *tenue*, Ag. *Slender Diatoma.* Pools, &c.: *Dr. W. H. Harvey.—rare.*

694. D. *flocculosum*, Ag. *Flocculose Diatoma.* In pools, &c. Parasitic on *Confervæ*: *Dr. W. H. Harvey.—rather rare.*

560. EXILARIA, *Grev.* EXILARIA.

695. E. *fasciculata*, Grev. *Fasciculated Exilaria.* Parasitical on filiform *Algæ*: *Dr. W. H. Harvey.—very common.*

696. E. *truncata*, Grev. *Truncated Exilaria.* In ponds and ditches parasitic on *Confervæ*: *Dr. W. H. Harvey.—common.*

Tribe XXV. *Styllarieæ.*

561. MERIDION, *Ag.* MERIDION.

697. M. *circulare*, Ag. *Circular Meridion.* In ponds: *Dr. W. H. Harvey.* On stones or mixed with *Confervæ—rather rare.*

562. LICMOPHORA, *Ag.* LICMOPHORA.

698. L. *flabellata*, Ag. *Flabellate Licmophora.* Bantry bay: *Miss Hutchins.* Parasitic on *Zostera marina*, &c.—*rare.*

Tribe XXVI. *Cymbelleæ.*

563. Gomphonema, *Ag.* Gomphonema.

699. G. *minutum*, Ag. *Minute Gomphonema.* In streams in the county on *Confervæ* : *Dr. W. H. Harvey.—rare.*

700. G. *geminatum*, Ag. *Twin Gomphonema.* On stones in mountain rivulets : *Dr. W. H. Harvey.—rather rare.*

701. G. *paradoxum*, Ag. *Doubtful Gomphonema.* Parasitic on marine *Algæ* along the coast.—*common.*

564, Schizonema, *Ag.* Schizonema.

702. *obtusum*, Grev. *Obtuse Schizonema.* On the smaller sea weeds in Cork harbour: *Dr. Harvey.—rather rare.*

703. S. *Smithii*, Ag. *Smith's Schizonema.* Bantry bay : *Miss Hutchins.* Youghal : *Miss Ball.* Cork harbour : *Dr. Harvey.—rather rare.*

704. S. *virescens*, Harv. *Green Schizonema.* Cork harbour : *Dr. Harvey.—rare.*

705. *parasiticum*, Griff. *Parasitic Schizonema.* On various *Algæ* in Youghal: *Miss Ball.—very rare.*

706. S. *comoides.* Ag. *Comoid Schizonema.* Youghal: *Miss Ball.* On rocks in the sea.—*very rare.*

Order CI. FUNGACEÆ.

Suborder I. HYMENOMYCETEÆ.

Tribe I. *Pileatæ.*

565. Agaricus, *Linn.* Agaric.

707. A. *phalloides*, Fr. *Phallus Agaric.* Lota wood.—*rather rare.*

708. A. *muscarius*, L. *Fly Agaric.* Glanmire woods.—*common.*

709. A. *Mariæ*, Klotzsch. *Maria Hooker's Agaric.* In flower-pots at Vosterburg Cork, November. Probably not *very rare.*

710. A. *procerus*, Scop. *Shaggy Agaric.* Vosterburg, and in woods.—*common.*

711. A. *cepæstipes*, Sow. *Barkbed Agaric.* Barkbeds.—*rather common.*

712. A. *melleus*, Vahl. *Blackscaled Agaric.* On old stumps of trees by the Dyke, Cork, and Lota wood.—*rather common.*

713. A. *hypothejus*, Fr. *Yellow Agaric.* Knockahorgan wood, near Cork.—*rare.*

714. A. *rutilans*, Schœff. *Crimson Agaric.* Summerhill, Cork.—*common.*

715. A. *multiformis*, Schœff. *Cinereous Agaric.* Glanmire and other woods.—*common.*

716. A. *luteus*, Huds. *Simplegilled Agaric.* Vernonmount, Glanmire, and probably many other woods.—*rather common.*

717. A. *emeticus*, Schœff. *Emetic Agaric.* Lota and other woods.—*common.*

718. A. *adustus*, Pers. *Scorched Agaric.* Glanmire wood—*common.*

719. A. *zonarius*, With. *Luridzoned Agaric.* Glanmire wood and Vosterburg, Cork, under beech trees.—*rather rare.*

720. A. *acris*, Bolt. *Acrid Agaric.* Glanmire woods.—*rather rare.*

721. A. *deliciosus*, L. *Orangemilked Agaric.* Lota wood.—*rather rare.*

722. A. *theiogalus*, Bull. *Yellowmilked Agaric.* Glanmire and Lota woods.—*rare*

723. A. *giganteus*, Sow. *Giant Agaric.* Lota wood, Cork, growing in rings fifteen feet in diameter, November.—*rather rare.*

724. A. *grammopodius*, Bull. *Sulcatestemmed Agaric.* Under trees at Foaty, Cove, and Oldcourt, Cork, in rings.—*rather rare.*

725. A. *pratensis*, Pers. *Reddish Agaric.* Dodgesglen, and in pastures.—*common..*

726. A. *virgineus*, Wulf. *Field Agaric.* In pastures.—*common.*

727. A. *psittacinus*, Schœff. *Parroquet Agaric.* Glanmire and Douglas.—*common.*

728. A. *ceraceus*, Wulf. *Waxlike Agaric.* In pastures—*common.*

729. A. *coccineus*, Fr. *Scarlet Agaric.* In pastures.—*rather common.*

730. A. *laccatus*, Scop. *Lake Agaric.* Glanmire and other woods.—*common.*

731. A. *sulphureus*, Bull. *Brimstone Agaric.* Lota and other woods.—*common.*

732. A. *velutipes*, Curt. *Velvetstemmed Agaric.* Vernonmount.—*common.*

733. A. *rotula*, Scop. *Wheel Agaric.* On stumps and sticks.—*common.*

734. A. *androsaceus*, L. *Androsace Agaric.* On leaves in woods.—*common.*

735. A. *epiphyllus*, Pers. *Scalelike Agaric.* Vernonmount, near Cork.—*common.*

736. A. *galericulatus*, Scop. *Helmet Agaric.* Vosterburg—.*common.*

787. A. *galopus*, Pers. *Milky Agaric.* Vosterburg, Lota and other woods.—*common.*

738. A. *epipterygius*, Scop. *Fern Agaric.* On decaying heath.—*common.*

739. A. *corticola*, Bull. *Bark Agaric.* On elms at Vosterburg, near Cork.—*rather rare.*

740. A. *fragrans*, Sow. *Scented Agaric.* Knockahorgan wood—*rare.*

741. A. *cyathiformis*, Bull. *Cupshaped Agaric.* Glanmire wood.—*common.*

742. A. *lepideus*, Fr. *Decorticated Agaric.* In the hollow of an Ashtree at Glanmire honse, Cork, 1834, one specimen.—*very rare.*

743. A. *applicatus*, Batsch. *Darkgrey Agaric.* Ballyvolane, &c.—*common.*

744. A. *pluteus*, Batsch. *Roof Agaric.* Lota wood.—*rather rare.*

745. A. *violaceus*, L. *Violet Agaric.* Lota wood.—*rather rare.*

746. A. *sanguineus*, Wulf. *Blood Agaric.* Knockahorgan wood.—*rare.*

747. A. *cinnamomeus*, L. *Cinnamon Agaric.* Glanmire and other woods.—*common.*

748. A. *iliopodius*, Bull. *Sharpbossed Agaric.* Lota wood.—*rare.*

749. A. *aureus*, Bull. *Golden Agaric.* On Alder, &c.—*common.*

750. A. *squarrosus*, Müll. *Squarrose Agaric.* Lota wood, &c.—
751. A. *involutus*, Batsch. *Involute Agaric.* Vosterburg, &c.—*common.*
752. A. *Georgii*, With. *Whitecap Agaric.* Lota, in pastures.—*common.*
753. A. *compestris*, L. *Common Mushroom.* In pastures.—*common.*
754. A. *semiglobatus*, Batsch. *Globular Agaric.* In pastures.—*common.*
755. A. *æruginosus*, Curt. *Verdigris Agaric.* Dodges glen, &c.—*common.*
756. A. *lateritius*, Schœff. *Fasciculate Agaric.* Glanmire—*common.*
757. A. *fascicularis*, Huds. *Fascicled Agaric.* Lota wood.—*very common.*
758. A. *disseminatus*, Pers. *Minikin Agaric.* Dodgesglen.—*very common.*
759. A. *comatus*, Müll. *Cylindric Agaric.* Glanmire house.—*common.*
760. A. *atramentarius*, Bull. *Inky Agaric.* Lota, &c.—*common.*
761. A. *micaceus*, Bull. *Mica Agaric.* On posts, &c.—*very common.*
762. A. *niveus*, Pers. *Snowy Agaric.* Summer hill, &c.—*common.*
763. A. *stercorarius*, Bull. *Dung Agaric.* On dunghills.—*common.*

566. CANTHARELLUS, *Adans.* CHANTARELLE.

764. C. *cibarius*, Fr. *Common Chantarelle.* Knockahorgan, Glentown, and perhaps other woods.—*rather common.*
765. C. *lobatus*, Pers. *Lobed Chantarelle.* On moss on the banks in Ballyphehane bog, near Cork; Blarney.—*rather rare.*

567. MERULIUS, *Hall.* MERULIUS,

766. M. *corium* Gr. *Coriaceous Merulius.* On stumps Dodges glen, and on rotten pea props, Vosterburg, &c.—*common.*
767. M. *lachrymans*, Wulf. *Dryrot Merulius.* On beams, &c.—too *common.*

568. SCHIZOPHYLLUM, *Fr.* SCHIZOPHYLLUM.

768. S. *commune*, Fr. *Common Schizophyllum.* On large beams of timber by the river, near the Packet Office, Cork.—*rare.*

569. DÆDALEA, *Pers.* DÆDALEA.

769. D. *unicolor*, Bull. *Selfcoloured Dædalea.* On stumps—*common*

570. POLYPORUS, *Mich.* POLYPORUS.

770. P. *squamosus*, Huds. *Scaly Polyporus.* Lota, &c.—*common.*
771. P. *suaveolens*, L *Sweet Polyporus.* On decaying Poplar trees by the Mardyke Parade, Cork.—*rather rare.*
772. P. *salicinus*, Grev. *Willow Polyporus.* On old Willow trees about Blarney lake: *Dr. Power.*—probably *common.*
773. P. *versicolor*, L. *Partycoloured Polyporus.* Lota, &c.—*common.*
774. P. *pinicola*, Sw. *Pine Polyporus.* On stumps of Fir in Dodgesglen; Glanmire, and Lota woods.—*rather common.*

775. P. *igniarius*, L. *Amadou Polyporus*. On Cherry trees at Mansfieldstown near Cork.—*rather rare.*
776. P. *vulgaris*, P. *Common Polyporus*. Near Youghal: *Miss Ball.—rare.*
777. P. *molluscus*, Pers. *Soft Polyporus*. Glanmire wood.—*rare.*
778. P. *armeniacus*, Berk. *Armenian Polyporus*. Vosterburg, on rotten Fir pailing; Vernonmount, on rotten Beech limbs.—*very rare.*

571. Boletus, *Dill.* Boletus.

779. B. *Grevillei*, Kl. *Yellow Boletus*. Woods and heaths—*common.*
780. B. *bovinus*, L. *Cow Boletus*. Under Fir, Ballyphehane—*rare.*
781. B. *edulis*, Bull. *Esculent Boletus*. Lota woods.—*common.*

572. Hydnum, *Linn.* Hydnum.

782. H. *repandum*, L. *Common Hydnum*. Glanmire wood.—*common.*
783. H. *auriscalpium*, L. *Hairystalked Hydnum*. Lota wood.—*common.*
784. H. *udum*, Fr. *Moist Hydnum*. On timber in a cellar at Vosterburg near Cork.—*rare.*

573. Phlebia, *Fr.* Phlebia.

785. P. *mesenterica*, Dicks. *Subgelatinous Phlebia*. Dodges glen.—*rare.*

574. Thelephora, *Ehrh.* Thelephora.

786. T. *laciniata*, Pers. *Fringed Thelephora*. Dodges glen—*rare.*
787. T. *rubiginosa*, Schrad. *Rusty Thelephora*. Lota wood.—*rather rare.*
788. T. *rugosa*, Pers. *Coarse Thelephora*. On Hawthorn at Vosterburg, and on Cherrylaurel trees at Vernonmount near Cork.—*rather rare.*
789. T. *hirsuta*, Willd. *Common Thelephora*. On trees—*common.*
790. T. *purpurea*, Pers. *Lilac Thelephora*. Glentown wood.—*rather rare.*
791. T. *sanguinolenta*. A. & S. *Bloody Thelephora*. Vosterburg.—*rare.*
792. T. *quercina*, Pers. *Oak Thelephora*. Near Youghal: *Miss Ball.—rare.*
793. T. *byssoides*, Pers. *Byssoid Thelephora*. Vosterburg, on Fir.—*rare.*
794. T. *ochracea*, Fr. *Ochraceous Thelephora*. On Pea props.—*common.*
795. T. *epidermea*, Pers. *Bark Thelephora*. Lota wood.—*rather rare*
796. T. *cinerea*, Pers. *Dusky Thelephora*. On branches.—*common.*

Tribe II. *Clavateæ.*

575. Himanthia, *Grev.* Himanthia.

797. H. *candida*, Grev. *White Himanthia*. Lota wood, &c.—*rare*

576. Clavaria, *Vaill.* Clavaria.

798. C. *coralloides*, L. *Coral Clavaria.* Lota wood.—*rather rare.*
799. C. *pratensis*, Pers. *Meadow Clavaria.* Glanmire wood.—*rare.*
800. C. *rugosa*, Bull. *Wrinkled Clavaria.* Vernonmount.—*common.*
801. C. *fusiformis*, Sow. *Spindle Clavaria.* Knockahorgan wood.—*rare.*
802. C. *fragilis*, Holmsk. *Brittle Clavaria.* Knockahorgan wood.—*rare.*
803. C. *acuta*, Sow. *Acute Clavaria.* Vosterburg, on the Larva of an Insect in the flower garden.—*very rare.*

577. Geoglossum, *Pers.* Geoglossum.

804. G. *hirsutum*, Pers. *Hairy Geoglossum.* Dunscombes wood.—*rare.*
805. G. *glabrum*, Pers. *Smooth Geoglossum.* Knockahorgan wood.—*rare.*

578. Mitrula, *Fr.* Mitrula.

806. M. *paludosa*, Fr. *Marsh Mitrula.* Marshes near Cooil, Cork.—*rare.*

579. Typhula, *Fr.* Typhula.

807. T. *erythropus*, Pers. *Redstemmed Typhula.* Vernonmount, on Ash leaves, and in several other places.—*rather rare.*
808. T. *tenuis*, Sow. *Slender Typhula.* Vosterburg, on rotten straw.—*common.*

Tribe III. *Mitrateæ.*

580. Leotia, *Hill.* Leotia

809. L. *lubrica*, Scop. *Slimy Leotia.* Glanmire woods—*rather rare.*

Tribe IV. *Cupulateæ.*

581. Peziza, *Dill.* Peziza,

810. P. *aurantia*, Pers. *Orange Peziza.* Mountdesart wood, and Riverstown: *Mr. D. Murray.* Castlemartyr: *Miss Ball.*—*common.*
811. P. *cochleata*, Bull. *Whorled Peziza.* Lota wood—*rather rare.*
812. P. *vesiculosa*, Bull. *Vesicular Peziza.* On dunghills.—*common.*
813. P. *granulata*, Bull. *Granulated Peziza.* Cowdung.—*common.*
814. P. *rutilans*, Fr. *Splendid Peziza.* Vernonmount, among *Polytrichum undulatum.*—*rather rare.*
815. P. *humosa*, Fr. *Ground Peziza.* Marshes at Cooil.—*rare.*
816. P. *stercorea*, Pers. *Scarlet Peziza.* On cow dung.—*common.*
817. P. *virginea*, Batsch. *Virgin Peziza.* On Furze.—*common.*
818. P. *calycina*, Schum. *Calycine Peziza.* Dodgesglen on Furze.—*rare.*
819. P. *bicolor*, Bull. *Twocoloured Peziza.* On old Pea props.—*common.*
820. P. *villosa*, Pers. *Granuliform Peziza.* Vosterburg, on twigs.—*common.*

821. P. *cyathoeidea*, Bull. *Cuplike Peziza*. On Potato stalks.—*rather rare*.

822. P. *claroflava*, Grev. *Clearyellow Peziza*. Vosterburg on Beech trees.—*rather rare*.

823. P. *faginea*, Pers. *Beechmast Peziza*. On Beech masts.—*common*.

824. P. *acicularis*, Bull. *Pin Peziza*. Lota on old stumps.—*rare*

582. ASCOBOLUS, *Pers*. ASCOBOLUS.

825. A. *furfuraceus*, Pers. *Common Ascobolus*. On cow dung.—*common*.

Tribe V. *Tremellineæ*.

583. TREMELLA, *Dill*. TREMELLA.

826. T. *mesenterica*, Retz. *Orange Tremella*. On dead Lilach, Glanmire, and on Ivy in Lota wood.—*rather rare*.

827. T. *albida*, Sm. *Whitish Tremella*. On fallen branches.—*common*.

828. T. *sarcoides*, With. *Fleshlike Tremella*. On old stumps in Dodgesglen.—*rare*.

584. EXIDIA, *Fr*. EXIDIA.

829. E. *glandulosa*, Bull. *Witches Butter*. Lota wood.—*common*

585. DACRYMYCES, *Nees*. DACRYMYCES.

830. D. *stillatus*, Nees. *Common Dacrymyces*. On Firs—*common*.

Tribe VI. *Sclerotiaceæ*.

586. SCLEROTIUM, *Tode*. SCLEROTIUM.

831. S. *varium*, Pers. *Variable Sclerotium*. On decayed Carrots.—*common*.

Suborder I. GASTROMYCETEÆ.

Tribe I. *Angiogastreæ*.

587. PHALLUS, *Mich*. STINKHORN.

832. P. *impudicus*, L. *Common Stinkhorn*. Lota wood: *Mr. D. Murray*. Young grove near Midleton: *Miss Ball*.—*rather rare*.

588. NIDULARIA, *Bull*. BIRDSNEST.

833. N. *striata*, Bull. *Striate Birdsnest*. Under Fir trees at Mansfieldstown near Cork.—*rather rare*.

834. N. *campanulata*, With. *Bellshaped Birdsnest*. Dodgesglen on garden walks: on a hedgebank, Hydepark.—*common*.

589. PILOBOLUS, *Tode*. PILOBOLUS.

835. P. *crystallinus*, Tode. *Crystalline Pilobolus*. On horsedung.—*common*.

836. P. *roridus*, Bolt. *Globular Pilobolus*. On horsedung.—*rather rare*.

590. SPHÆROBOLUS, *Tode*. SPHÆROBOLUS.

837. S. *stellatus*, Tode. *Stellate Sphærobolus*. Glanmire wood.—*very rare*.

Tribe II. *Pyrenomyceteæ*.

591. SPHÆRIA, *Hall*. SPHÆRIA.

838. S. *militaris*, L. *Military Sphæria*. Knockahorgan wood—*rare*.
839. S. *capitata*, Holmsk. *Yellowstalked Sphæria*. Knockahorgan wood, near Glanmire Cork, in great plenty, parasitic on *Elaphomyces granulatus*.—*very rare*.
840. S. *ophioglossoides*, Ehr. *Adderstongue Sphæria*. Knockahorgan wood near Glanmire, Cork, very sparingly; parasitic on *Elaphomyces muricatus*. Only one specimen was found.—*extremely rare*.
841. S. *hypoxylon*, L. *Flathorned Sphæria*. On sticks.—*common*.
842. S. *fragiformis*, Pers. *Strawberry Sphæria*. Lota and other woods.—*common*.
843. S. *deusta*, Hoff. *Scorched Sphæria*. Lota wood.—*rare*.
844. S. *stigma*, Hoff. *Dotted Sphæria*. On sticks, decaying.—*common*.
845. S. *disciformis*, Hoff. *Disclike Sphæria*. On Beech branches—*common*.
846. S. *lata*, Pers. *Broad Sphæria*. On dry branches.—*common*.
847. S. *cinnabarina*, Tod. *Vermilion Sphæria*. Dry branches.—*common*.
848. S. *ochracea*, Grev. *Ochre Sphæria*. On a barked Elm.—*very rare*.
849. S. *coccinea*, Pers. *Carmine Sphæria*. Vosterburg—*common*.
850. S. *acuta*, Hoff. *Beaked Sphæria*. On Potato stalks—*common*.
851. S. *phæocomes*, Reb. *Grassleaf Sphæria*. On old straw.—*common*.

592. RHIZOMORPHA, *Roth*. RHIZOMORPHA.

852. R. *subcorticalis*, Sow. *Bark Rhizomorpha*. Beneath the bark of decayed trees at Knockahorgan wood, Glanmire. If this be an abortive state of *Sphæria hypoxylon*, it is extremely different from it in appearance.—*very rare*.
853. R. *divergens*, Grev. *Divergent Rhizomorpha*. Ballyvolane near Cork, beneath the bark of the roots of decaying and rotten Ash trees.—*very rare*.

593. CYTISPORA, *Ehrenb*. CYTISPORA.

854. C. *carphosperma*, Fr. *Strawcoloured Cytispora*. On dead branches of Hawthorn.—*rather rare*.
855. C. *leucosperma*, Pers. *Whiteseeded Cytispora*. On old straw.—*common*.

594. DOTHIDEA, *Fr*. DOTHIDEA.

856. D. *typhina*, Pers. *Reedmace Dothidea*. On grasses.—*common*.

595. Rhytisma, *Fr.* Rhytisma.

357. R. *acerinum*, Pers. *Sycamore Rhytisma.* On Sycamore.—*common.*

596. Hysterium, *Tode.* Hysterium.

858. H. *fraxini*, Pers. *Rugged Hysteria.* On fallen Ash—*common.*
859. H. *conigenum*, M. & N. *Fircone Hysterium.* On Scotch Fir-cones—*common.*
860. H. *pinastri*, Schrad. *Pineleaf Hysterium.* On Pine leaves.—*common.*

Tribe III. *Trichospermeæ.*

597. Lycoperdon, *Tourn*, Puffball.

861. L. *pusillum*, Batsch. *Dwarf Puffball.* In pastures.—*common.*
862. L. *gemmatum*, Batsch. *Studded Puffball.* Lota wood.—*rare.*
863. L. *pyriforme*, Schœff. *Pearshaped Puffball.* Blarney—*rare.*

598. Scleroderma, *Pers.* Scleroderma.

864. S. *vulgare*, Fr. *Common Scleroderma.* Lota wood.—*common.*
865. S. *verrucosum*, Bull. *Warty Scleroderma.* In a wood at Upper Glanmire, by the Carrignavar river.—*rather rare.*

599. Elaphomyces, *Nees.* Elaphomyces.

866. E. *granulatus*, Alb. & Schw. *Granulated Elaphomyces.* In Knockahorgan wood, Glanmire, Cork.—*very rare.*
867. E. *muricatus*, Fr. *Sharpwarted Elaphomyces.* In Knockahorgan wood near Glanmire, Cork.—*very rare.*

600. Lycogala, *Mich.* Lycogala.

868. L. *epidendrum*, L. *Scarlet Lycogala.* Foaty garden.—*rare.*

601. Reticularia, *Bull.* Reticularia.

869. R. *umbrina*, Fr. *Umber Reticularia.* Lota wood.—*common.*

602. Æthalium, *Link.* Æthalium.

870. Æ. *septicum*, L. *Common Æthalium.* In hot-houses—*common.*

603. Spumaria, *Pers.* Spumaria.

871. S. *alba*, Bull. *Common Spumaria.* On grasses.—*common.*

604. Diderma, *Pers.* Diderma.

872. D. *vernicosum*, Pers. *Varnished Diderma.* Lota wood.—*rare.*

605. Didymium, *Schrad.* Didymium.

873. D. *hemisphæricum*, Bull. *Hemispheric Didymium.* On decayed leaves at Knockahorgan near Glanmire.—*rather rare.*
874. D. *farinaceum*, Schrad. *Mealy Didymium.* On moss, over a spring at Vernonmount south of Cork.—*rather rare.*

875. D. *nigripes*, Lk. *Blackstemmed Didymium*. At Vosterburg near Cork.—*rare*.
876. D. *physaroides*, Pers. *Physarum Didymium*. Lota wood.—*rare*.
877. D. *cinereum*, Batsch. *Cinereous Didymium*. Vosterburg—*rare*.

606. PHYSARUM, *Pers*. PHYSARUM.

878. P. *nutans*, Pers. *Nodding Physarum*. On Fir cones at Dodgesglen wood, April 1843. The only station for it.—*very rare*.
879. P. *album*, Nees. *White Physarum*. On rotten hay.—*common*.

607. CRATERIUM, *Trentepohl*. CRATERIUM.

880. C. *pedunculatum*, Trent. *Common Craterium*. On rotten hay at Vosterburg and Hydepark.—*rather common*.

608. STEMONITIS, *Gled*. STEMONITIS.

881. S. *fusca*, Roth. *Brown Stemonitis*. Vernonmount.—*common*.
882. S. *obtusata*, Fr. *Obtuse Stemonitis*. Ballyvolane ropewalk.—*rare*.

609. ARCYRIA, *Hill*. ARCYRIA.

883. A. *punicea*, Pers. *Splendid Arcyria*. Lota and other woods—*very common*.
884. A. *cinerea*, Bull. *Cinereous Arcyria*. Glanmire wood.—*rather rare*.
885. A. *nutans*, Bull. *Flaccid Arcyria*. On old timber about Cork.—*rather rare*.

610. TRICHIA, *Hall*. TRICHIA.

886. T. *chrysosperma*, D.C. *Yellowseeded Trichia*. Lota wood.—*common*.

Tribe IV. *Trichodermaceæ*.

611. TRICHODERMA, *Pers*. TRICHODERMA.

887. T. *viride*, Pers. *Green Trichoderma*. On rotten timber.—*common*.

Tribe V. *Perisporiaceæ*.

612. CHÆTOMIUM, *Kunze*. CHÆTOMIUM.

888. C. *elatum*, Kunze. *Tall Chætomium*. On old straw.—*common*.

Suborder III. HYPHOMYCETEÆ.

Tribe I. *Cephalotricheæ*.

613. ISARIA, *Hill*. ISARIA.

889. I. *farinosa*, Fr. *Mealy Isaria*. On the dead Pupæ of some species of moth in Knockahorgan wood.—*very rare*.

614. ASCOPHORA, *Tode*. ASCOPHORA.

890. A. *mucedo*, Tode. *Common Ascophora*. On bread, &c.—*common*.

615. HYDROPHORA, *Tode*. HYDROPHORA.

891. H. *stercorea*, Tode. *Common Hydrophora*. On dung.—*common*.

Tribe II. *Mucorineæ*.

616. MUCOR, *Mich*. MOULD.

892. M. *mucedo*, L. *Common Mould*. On paste, &c.—*very common*.
893. M. *caninus*, Pers. *Yellow Mould*. On dog's dung—*common*.

Tribe III. *Dematieæ*.

617. HELMINTHOSPORIUM, *Lk*. HELMINTHOSPORIUM.

894. H. *tiliæ*, Fr. *Linden Helminthosporium*. On old Lime branches.—*common*.

Tribe IV. *Mucedineæ*.

618. STACHYLIDIUM, *Link*. STACHYLIDIUM.

895. S. *bicolor*, Lk. *Twocoloured Stachylidium*. On Dahlia roots.—*rare*.
896. S. *diffusum*, Fr. *Diffuse Stachylidium*. On rotten Dahlias. *common*.

619. BOTRYTIS, *Mich*. BOTRYTIS.

897. B. *effusa*, Grev. *Spinach Botrytis*. On Spinach leaves.—*common*.

620. PENICILLIUM, *Link*. PENICILLIUM.

898. P. *crustaceum*, Fr. *Crustaceous Penicillium*. On rotten apples.—*common*.

621. SPOROTRICUM, *Link*. SPOROTRICHUM.

899. S. *sulphureum*, Grev. *Sulphur Sporotrichum*. On timber. *common*.
900. S. *laxum*, Lk. *White Sporotrichum*. On dung.—*common*.

Tribe V. *Sepedonieæ*.

622. SEPEDONIUM, *Link*. SEPEDONIUM.

901. S. *chrysospermum*, Lk. *Yellow Sepedonium*. On Fungi.—*common*.

Suborder IV. CONIOMYCETEÆ.

Tribe I. *Tubercularineæ*.

623. TUBERCULARIA, *Tode*. TUBERCULARIA.

902. T. *vulgaris*, Tode. *Common Tubercularia*. On sticks—*common*

Tribe II. *Stilbosporeæ*.

624. NÆMASPORA, *Fr*. NÆMASPORA.

903. N. *crocea*, Pers. *Saffron Næmaspora*. On Whitethorn at Vosterburg.—*common*.

Tribe III. *Sporidesmieæ.*

625. Aregma, *Fr.* Aregma.

904. A. *bulbosum*, Fr. *Bramble Aregma.* On Bramble leaves.—*common.*

905. A. *gracile*, Grev. *Slender Aregma.* Under Raspberry leaves.—*rare.*

Tribe IV. *Hypodermieæ.*

626. Podisoma, *Link.* Podisoma.

906. P. *juniperi, sabinæ*, Fr. *Savine Podisoma.* On Savine.—*common.*

627. Æcidium, *Pers.* Æcidium.

907. Æ. *primulæ*, D.C. *Primrose Æcidium.* On Primrose leaves.—*common.*

908. Æ. *meuthæ*, D C. *Mint Æcidium.* On Mint stems.—*very common.*

909. Æ. *ranunculacearum*, D.C. *Crowfoot Æcidium.* On the leaves of *Pilewort Crowfoot. Ranunculus ficaria.—common.*

910. Æ. *violæ*, Schum. *Violet Æcidium.* On Violets and Pansies.—*common.*

911. Æ. *glossularia*, D.C. *Gooseberry Æcidium.* On Gooseberry leaves and fruit.—*common.*

912, Æ. *laceratum*, Sow. *Torn Æcidium.* On Hawthorn.—*rather common.*

913. Æ. *cancellatum*, Pers. *Pear Æcidium.* On Pear leaves at Vosterburg.—*rare.*

914. Æ. *euphorbiæ*, Pers. *Spurge Æcidium.* On Spurges.—*common.*

915. Æ. *urticæ*, D.C. *Nettle Æcidium.* On the common Nettle.—*very common.*

628. Uredo, *Pers.* Uredo.

916. V. *segetum*, Pers. *Smut Uredo.* On wheat.—*very common.*

917. U. *primulæ*, D.C. *Primrose Uredo.* On the Primrose.—*common.*

918. U. *senecionis*, Sch. *Groundsel Uredo.* On Groundsel.—*common.*

919. U. *violarum*, D.C. *Violet Uredo.* On Pansy leaves.—*rather rare.*

920. U. *rosæ*, D.C. *Rose Uredo.* On Rose leaves.—*very common.*

921. U. *candida*, Pers. *White Uredo.* On Shepherdspurse.—*common.*

922. U. *cylindrospora*, Fr. *Cylindricseeded Uredo.* On the leaves of Cabbages at Vosterburg. Probably *common.*

923. U. *gyrosa*, Reb. *Gyrose Uredo.* On Bramble leaves.—*common.*

924. U. *euphorbiæ*, Reb. *Spurge Uredo.* On Spurges.—*common.*